

January 15, 2019

DVP-190002

Director, Air Management Division Attention: A-3-3 U.S. Environmental Protection Agency 75 Hawthorne Street San Francisco, California 94105-3901

Subject: Desert View Power 4th Quarter, Quarterly Emission Report for 2018.

RE:

A-3-1

NSR 4-4-11

SE 87-01

Dear Sir:

In compliance with our permit, enclosed are the following:

- 1) 4th Quarter, Quarterly Emissions Report for 2018 for Desert View Power
 - Emissions summary reports for each permitted pollutant for our two boilers.
 - Excess emissions reports from each of our two CEMS.

This report covers the period from October 01, 2018 to December 31, 2018.

If you have questions or comments, please feel free to call me at (760) 262-1653.

Sincerely,

James Russell Huffman

Vice President of CA operations / Plant Manager



Enclosure

cc: Chief, Stationary Source Division

California Air Resources Board

P.O. Box 2815

Sacramento, CA 95814

Air Pollution Control Officer

Attention: Mr. David Jones, AQAC Supervisor

South Coast Air Quality Management District

21865 E. Copley Drive

Diamond Bar, CA 91765-4182

Air Division Director

U.S. Environmental Protection Agency

Attention: AIR-5

75 Hawthorne Street

San Francisco, California 94105-3901

EMISSIONS SUMMARIES

BOILER #1

CO lb/hr

CO ppm

NOx Ib/MMBtu

NOx lb/hr

 $NOx\ ppm$

SOx lb/MMBtu.

SOx Ib/hr

SOx ppm

Opacity

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31,2018

Pollutant: CO

Emissions limitation(s): 13 lbs/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2123 hr Emission Summary¹

- Duration of excess emissions in reporting period due to: 1.

 - Startup/Shutdown: 0.0 hr b.
 - Control equipment problems: 0.0 hr
 - Process problems: c. 0.0 hr
 - d. Other known problems: 0.0 hr
 - Unknown problems: 0.0 hr
- 2. Total duration of excess emissions: 0.0 hr
- Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.00%²

- 1. CMS downtime in reporting period due to:
 - a. Monitor equipment malfunction: 0.0 hr
 - Non-monitor equipment malfunction: b. 0.0 hr
 - c. Quality assurance calibration: 0.0 hr
 - d. Other known causes: 57.0 hr
 - e. Unknown causes: 0.0 hr
- Total CMS downtime: 2. 57.0 hr
- (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 2.68% ²
 - For opacity, record all times in minutes. For gases, record all times in hours.
 - For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018

Pollutant: CO

Emissions limitation(s): 231 ppm @ $3\% O_2$.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2123.0 hr

Emission Summary¹

1	Duration	of	excess	emissions	in	reporting	period	due	to:
							-		

a.	Startup/Shutdown:	0.0	hr
b.	Control equipment problems:	0.0	
c.	Process problems:	0.0	hr
d.	Other known problems:	0.0	hr
e.	Unknown problems:	0.0	hr

2. Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0%²

- 1. CMS downtime in reporting period due to:
 - a. Monitor equipment malfunction: 0.0 hr
 - b. Non-monitor equipment malfunction: 0.0 hr
 - c. Quality assurance calibration: 0.0 hr
 - d. Other known causes: 71.0 hr
- e. Unknown causes: 0.0 hr 2. Total CMS downtime: 71.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 3.34% ²
 - For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018

Pollutant: NO_{x}

Emissions limitation(s): 0.30 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2123.0 hr

Emission Summary¹

1.	Duration	of	excess	emissions	in	reporting	period	due	to:
	~ :		/~1 . 1				-		

- Startup/Shutdown: 0.0 hr Control equipment problems: b. 0.0 hr c. Process problems: 0.0 hr d.
- Other known problems: 0.0 hr Unknown problems: 0.0 hr
- Total duration of excess emissions: 2. 0.0 hr
- Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0%²

- 1. CMS downtime in reporting period due to:
 - Monitor equipment malfunction: a. 0.0 hr
 - Non-monitor equipment malfunction: 0.0 hr c. Quality assurance calibration:
 - 0.0 hr d. Other known causes: 66.0 hr
 - Unknown causes: e.
- 0.0 hr 2. Total CMS downtime: 66.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 3.11%²
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60 7(a) chall be submitted 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018Pollutant:

Emissions limitation(s): 30 lb/hr

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period:

Emission Summary¹

1.	Duration	of	excess	emissions	in	reporting	period	due	to:
	~ .		/				1		

a. Startup/Shutdown: 0.0 hr

b. Control equipment problems: 0.0 hr C. Process problems: 0.0 hr

d. Other known problems: 1.0 hr

Unknown problems: 0.0 hr Total duration of excess emissions:

2. 1.0 hr Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.05%²

CMS Performance Summary¹

CMS downtime in reporting period due to: 1.

Monitor equipment malfunction: 0.0 hr

b. Non-monitor equipment malfunction: 0.0 hr

Quality assurance calibration: 0.0 hr d.

Other known causes: 45.0 hr

Unknown causes: е. $0.0 \, \mathrm{hr}$ 2. Total CMS downtime: 45.0 hr

(Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 2.12% ²

For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018

Pollutant: NO_{\star}

Emissions limitation(s): 94 ppm @ 3% O₂.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2123.0 hr

Emission Summarv¹

1.	Duration	of	excess	emissions	in	reporting	period	due	to:
	- 0		/ (2) 1			· .	L		

- Startup/Shutdown: a. 0.0 hr Control equipment problems: b. 0.0 hr Process problems: 0.0 hr Other known problems: d. 0.0 hr Unknown problems: 0.0 hr
- 2. Total duration of excess emissions: 0.0 hr
- Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = $0.\overline{00}$ % 2

- 1. CMS downtime in reporting period due to:
 - Monitor equipment malfunction: 0.0 hr b.
 - Non-monitor equipment malfunction: 0.0 hr c.
 - Quality assurance calibration: 0.0 hr d.
 - Other known causes: 69.0 hr
- Unknown causes: 0.0 hr 2. Total CMS downtime: 69.0 hr
- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time =3.25% 2
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018

Pollutant: SO_x

Emissions limitation(s): 1.2 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2123.0 hr

Emission Summarv¹

1.	Duration of excess emissions in	reporting period due to:
	a. Startup/Shutdown:	0.0 hr
	b. Control equipment problems:	0.0 hr
	c. Process problems:	0.0 hr
	d. Other known problems:	0.0 hr
_	e. Unknown problems:	0.0 hr

2. Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0%²

- 1. CMS downtime in reporting period due to:
 - a. Monitor equipment malfunction: 0.0 hrb. Non-monitor equipment malfunction: 0.0 hr
 - c. Quality assurance calibration: 0.0 hr
 - d. Other known causes: 68.0 hr
 - e. Unknown causes: 0.0 hr
- 2. Total CMS downtime: 68.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 3.20%
 - For opacity, record all times in minutes. For gases, record all times in hours.
 for the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018

Pollutant: SO_{x}

Emissions limitation(s): 12 lb/hr.

Monitor Manufacturer and Model No.: CAT

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2123.0 hr

Emission Summarv¹

1.	Durati	on	of	excess	emissions	in	reporting	period	due	to.
	a. S	tar	ctur	o/Shutdo	own:			0.0 hr	3.4.0	

Control equipment problems: 0.0 hr c. Process problems: 0.0 hr d. Other known problems: 1.0 hr

Unknown problems: 0.0 hr 2. Total duration of excess emissions: 0.0 hr

Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.05% 2

- 1. CMS downtime in reporting period due to:
 - Monitor equipment malfunction: 0.0 hr b. Non-monitor equipment malfunction:
 - 0.0 hr Quality assurance calibration:
 - 0.0 hr d.
 - Other known causes: 38.0 hr Α.
- Unknown causes: 0.0 hr Total CMS downtime: 38.0 hr
- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 1.79% 2
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018

Pollutant: SO_x

Emissions limitation(s): 27 ppm @ $3\% O_2$.

Monitor Manufacturer and Model No.:

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2123.0 hr

Emission Summarv¹

_									
1.	Dura	tion o	of excess	emissions	in	reporting	period	due	to.
	a.	Start	up/Shutdo	own:			0.0 hr	aac	
	b.	Contr	ol equipm	ment proble	ame .	,) 0 hm		

Control equipment problems: 0.0 hr c. Process problems: 0.0 hr Other known problems: 0.0 hr

Unknown problems: 0.0 hr

2. Total duration of excess emissions: 0.0 hr

Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.00% ²

- 1. CMS downtime in reporting period due to:
 - Monitor equipment malfunction: 0.0 hr Non-monitor equipment malfunction: b.
 - 0.0 hr Quality assurance calibration: 0.0 hr
 - d. Other known causes:
 - 69.0 hr Unknown causes:
- 0.0 hr 2. Total CMS downtime: 69.0 hr
- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 3.25%²
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018

Pollutant: Opacity

Emissions limitation(s): 10% 3-min period. 20% 6-min period.

Monitor Manufacturer and Model No.: CMS-CISCO Model 10001330

Opacity-Monitor Labs Inc.

LightHawk 560

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2123 hr or

127380 minutes

Emission Summary¹

- 1. Duration of excess emissions in reporting period due to:
 - Startup/Shutdown: a.

0 min

Control equipment problems:

0 min

Process problems:

0 min

Other known problems:

0 min

Unknown problems:

0 min

Total duration of excess emissions: 2.

0 min

Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.0% ²

CMS Performance Summary¹

CMS downtime in reporting period due to: 1.

0 min

Monitor equipment malfunction: b. Non-monitor equipment malfunction:

0 min

Quality assurance calibration:

0 min

d. Other known causes: Unknown causes: e.

4926 min

- Total CMS downtime:
- 2.

0 min 4926 min

- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 3.8672%²
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

EMISSIONS SUMMARIES

BOILER #2

CO lb/hr

 ${\rm CO}~{\rm ppm}$

NOx lb/MMBtu

NOx lb/br

 ${\rm NOx}\ {\rm ppm}$

SOx lb/MMBtu

SOx lb/br

SOx ppm

Opacity

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018Pollutant: CO

Emissions limitation(s): 13 lb/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2016.0 hr Emission Summary¹

- Duration of excess emissions in reporting period due to: 1.
 - Startup/Shutdown:

0.0 hr

- Control equipment problems: b.
- 0.0 hr

Process problems: c.

0.0 hr

d. Other known problems:

6.0 hr

Unknown problems:

- 0.0 hr
- 2. Total duration of excess emissions:
- 0.0 hr
- Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time =0.30% ²

CMS Performance Summary¹

- 1. CMS downtime in reporting period due to:
 - Monitor equipment malfunction: a.

0.0 hr

- Non-monitor equipment malfunction: b. Quality assurance calibration: c.
- 0.0 hr

Other known causes: d.

 $0.0 \, \mathrm{hr}$ 61.0 hr

Unknown causes:

0.0 hr

2. Total CMS downtime:

- 61.0 hr
- 3.
- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 3.03%²
 - 1. For opacity, record all times in minutes. For gases, record all times in hours.
 - For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018Pollutant:

Emissions limitation(s): 231 ppm @ 3% O₂.

Monitor Manufacturer and Model No .: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2016.0 hr

Emission Summary¹

1.	Duration	of	excess	emissions	in	reporting	period	due	to.
	a. Star	rtur	o/Shutdo	าพา •) O br	auc	

0.0 hrb. Control equipment problems: 0.0 hr c. Process problems: 0.0 hr Other known problems: d. 0.0 hr

Unknown problems: 0.0 hr Total duration of excess emissions:

0.0 hr Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = $0.\tilde{0}0\%$ ²

CMS Performance Summary¹

1. CMS downtime in reporting period due to:

Monitor equipment malfunction: a. 0.0 hr b. Non-monitor equipment malfunction: 0.0 hr

Quality assurance calibration: C. 0.0 hr

Other known causes: d. 96.0 hr

Unknown causes: е. 0.0 hr

Total CMS downtime:

2.

96.0 hr

(Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 4.76%²

For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018

Pollutant: NO_x

Emissions limitation(s): 0.30 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2016.0 hr

Emission Summary¹

1	. [Duration	n of	excess	emissions	in	reporting	period	due	to:
	_			/ (2) 1 1			ر ـ			

- a. Startup/Shutdown:

 b. Control equipment problems:
 c. Process problems:
 d. Other known problems:

 0.0 hr
 0.0 hr
- e. Unknown problems: 0.0 hr
 2. Total duration of excess emissions: 0.0 hr
- 3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% 2

- 1. CMS downtime in reporting period due to:
 - a. Monitor equipment malfunction: 0.0 hr
 - b. Non-monitor equipment malfunction: 0.0 hr
 - c. Quality assurance calibration: 0.0 hr
 - d. Other known causes: 70.0 hr
 - University of the state of the
- e. Unknown causes:

 70.0 hr
 Causes:

 70.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 3.47%²
 - For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018

Pollutant: NO_x

2.

Emissions limitation(s): 30 lb/hr

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2016.0 hr

Emission Summary¹

1.	Duration	of	excess	emissions	in	reporting	period	due	to.
	- 01		/~:			1 3	I	auc	

		_	J 1
a.	Startup/Shutdown:		$0.0 \mathrm{hr}$
b.	Control equipment problems:		0.0 hr
c.	Process problems:		0.0 hr
d.	Other known problems:		0.0 hr
e.	Unknown problems:		0.0 hr

2. Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% 2

CMS Performance Summary¹

1. CMS downtime in reporting period due to:

a.		0.0 hr
b.	Non-monitor equipment malfunction:	0.0 hr
c.	Quality assurance calibration:	0.0 hr

d. Other known causes: 37.0 hr

e. Unknown causes: 0.0 hr
Total CMS downtime: 37.0 hr

(Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.84% ²

For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018

Pollutant: NO_x

Emissions limitation(s): 94 ppm @ 3% O_2 .

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2016.0 hr

Emission Summarv¹

1.	Duration	of	excess	emissions	in	reporting	period	due	to.
							POLLOG	auc	C .

		- I	
a.	Startup/Shutdown:	0.0	hr
b.	Control equipment problems:	0.0	hr
c.	Process problems:	0.0	hr
d.	Other known problems:	0.0	hr
e.	Unknown problems:	0 0	hr

2. Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% ²

- 1. CMS downtime in reporting period due to:
 - a. Monitor equipment malfunction: 0.0 hr
 - b. Non-monitor equipment malfunction: 0.0 hr
 - c. Quality assurance calibration: 0.0 hr
 - d. Other known causes: 70.0 hr
 - e. Unknown causes: 0.0 hr
- 2. Total CMS downtime: 70.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 3.47% ²
 - For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018

Pollutant: SO_x

Emissions limitation(s): 1.2 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2016.0 hr

Emission Summary¹

1.	Dura	tion	of	excess	emissions	in	reporting	period	due	to:
	a.	Star	tur	o/Shutdo	own:			0.0 hr		
	L.	C +	7							

b. Control equipment problems: 0.0 hrc. Process problems: 0.0 hr

d. Other known problems:

e. Unknown problems:

0.0 hr

0.0 hr

2. Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% 2

- 1. CMS downtime in reporting period due to:
 - a. Monitor equipment malfunction: 0.0 hr
 b. Non-monitor equipment malfunction: 0.0 hr
 - b. Non-monitor equipment malfunction: 0.0 hrc. Quality assurance calibration: 0.0 hr
 - d. Other known causes: 69.0 hr
 e. Unknown causes: 0.0 hr
- e. Unknown causes: 0.0 hr 2. Total CMS downtime: 69.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 3.42% ²
 - For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018 Pollutant:

Emissions limitation(s): 12 lb/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2016.0 hr

Emission Summarv¹

1	•	Duration	of	excess	emissions	in	reporting	period	dua	+0.
		- 0.					1	PCLICA	auc	LU.

Startup/Shutdown: a.

0.0 hr

b. Control equipment problems:

0.0 hr

c. Process problems:

0.0 hr

d. Other known problems:

0.0 hr

Unknown problems:

0.0 hr

Total duration of excess emissions:

0.0 hr

Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% ²

CMS Performance Summary¹

CMS downtime in reporting period due to: 1.

Monitor equipment malfunction:

0.0 hr 0.0 hr

Non-monitor equipment malfunction: b. Quality assurance calibration:

0.0 hr

d. Other known causes:

34.0 hr

Unknown causes:

0.0 hr

2. Total CMS downtime:

34.0 hr

- (Total CMS downtime) / (Total source operating time) x3. (100%) = % of Total source operating time = 1.69% ²
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018Pollutant:

Emissions limitation(s): 27 ppm @ $3\% O_2$.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2016.0 hr

Emission Summary¹

1.	Duration	of	excess	emissions	in	reporting	period	due	to:
	- C+		- / 01- 1 1			٠ ٠			•••

a.	Startup/Shutdown:	0.0 hr
b.	Control equipment problems:	0.0 hr
c.	Process problems:	0.0 hr
d.	Other known problems:	0.0 hr
_	Inknorm machileme.	0 0 1

Unknown problems: 0.0 hr Total duration of excess emissions:

2. 0.0 hr Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.00% ²

CMS Performance Summary¹

CMS downtime in reporting period due to: 1.

a.	Monitor equipment malfunction:	0.0	
b.	Non-monitor equipment malfunction:	0.0	hr
C.	Quality assurance calibration:	0.0	
d.	Other known causes:	69.0	hr
e.	Unknown causes:	0.0	hr
	3 0040 3		

2. Total CMS downtime: 69.0 hr

(Total CMS downtime) / (Total source operating time) x3. (100%) = % of Total source operating time = 3.42%²

For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 20182018Pollutant: Opacity

Emissions limitation(s): 10% 3-min period. 20% 6-min period.

Monitor Manufacturer and Model No.: CMS-CISCO Model 10001330

Opacity-Monitor Labs Inc.

LightHawk 560

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2016.0 hr or 120,960 minutes

Emission Summary¹

- Duration of excess emissions in reporting period due to: 1.
 - Startup/Shutdown:

0 min

- b. Control equipment problems:
- 0 min

c. Process problems:

0 min

d. Other known problems:

0 min

Unknown problems:

- 0 min
- Total duration of excess emissions: 2.
- 0 min
- Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% ²

CMS Performance Summary¹

- CMS downtime in reporting period due to: 1.
 - Monitor equipment malfunction:
- 0 min
- b. Non-monitor equipment malfunction:
- 0 min
- Quality assurance calibration: d. Other known causes:
- 0 min

Unknown causes:

4926 min 0 min

2. Total CMS downtime:

- 4926 min
- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 4.0724% ²
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

EMISSIONS DOWNTIME REPORT BOILER #1 CEMS

Colmac Energy NOx ppm @3% O2 CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
NOx ppm @3% O2	10/7/2018 12:00 PM	1:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx ppm @3% O2	10/27/2018 12:00 PM	6:59 PM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx ppm @3% O2	10/31/2018 2:00 PM	11:59 PM	10 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx ppm @3% O2	11/1/2018 12:00 AM	6:59 AM	7 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	11/11/2018 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	11/17/2018 12:00 PM	12:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
NOx ppm @3% O2	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
NOx ppm @3% O2	11/23/2018 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/1/2018 1:00 PM	3:59 PM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/5/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/10/2018 2:00 AM	2:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/10/2018 4:00 AM	6:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/15/2018 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/16/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/18/2018 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/24/2018 1:00 AM	2:59 AM	2 hours	Communication failure, false readings.	Rebooted Cedar's computer, communications back.
NOx ppm @3% O2	12/28/2018 10:00 AM	10:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
	Total duration		69 hours		

Colmac Energy
NOx lb/mmBtu CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
NOx lb/mmBtu	10/7/2018 12:00 PM	1:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/mmBtu	10/27/2018 12:00 PM	6:59 PM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/mmBtu	10/31/2018 2:00 PM	11:59 PM	10 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/mmBtu	11/1/2018 12:00 AM	6:59 AM	7 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	11/11/2018 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	11/17/2018 12:00 PM	12:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
NOx lb/mmBtu	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
NOx lb/mmBtu	11/23/2018 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/1/2018 1:00 PM	3:59 PM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/5/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/10/2018 2:00 AM	2:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/10/2018 4:00 AM	6:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/15/2018 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/16/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/18/2018 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/24/2018 1:00 AM	2:59 AM	2 hours	Communication failure, false readings.	Rebooted Cedar's computer, communications back.
NOx lb/mmBtu	12/28/2018 10:00 AM	10:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
	Total duration	,	69 hours		

Colmac Energy NOx lb/hr CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
NOx lb/hr	10/7/2018 12:00 PM	1:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/hr	11/11/2018 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	11/17/2018 12:00 PM	12:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
NOx lb/hr	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
NOx lb/hr	11/23/2018 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	12/1/2018 1:00 PM	3:59 PM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	12/5/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	12/10/2018 2:00 AM	2:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	12/10/2018 4:00 AM	6:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	12/15/2018 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	12/16/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	12/18/2018 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	12/24/2018 1:00 AM	1:59 AM	1 hour	Communication failure, false readings.	Rebooted Cedar's computer, communications back.
NOx lb/hr	12/28/2018 10:00 AM	10:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.

44 hours

Total duration

Colmac Energy SO2 ppm @3% O2 CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
SO2 ppm @3% O2	10/7/2018 12:00 PM	1:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 ppm @3% O2	10/27/2018 12:00 PM	6:59 PM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 ppm @3% O2	10/31/2018 2:00 PM	11:59 PM	10 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 ppm @3% O2	11/1/2018 12:00 AM	6:59 AM	7 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	11/11/2018 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	11/17/2018 12:00 PM	12:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
SO2 ppm @3% O2	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
SO2 ppm @3% O2	11/23/2018 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	12/1/2018 1:00 PM	3:59 PM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	12/5/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	12/10/2018 2:00 AM	2:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	12/10/2018 4:00 AM	6:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	12/15/2018 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	12/16/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	12/18/2018 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	12/24/2018 1:00 AM	2:59 AM	2 hours	Communication failure, false readings.	Rebooted Cedar's computer, communications back.
To	otal duration		68 hours		

Colmac Energy SO2 lb/mmBtu CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
SO2 lb/mmBtu	10/7/2018 12:00 PM	1:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/mmBtu	10/27/2018 12:00 PM	6:59 PM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/mmBtu	10/31/2018 2:00 PM	11:59 PM	10 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/mmBtu	11/1/2018 12:00 AM	6:59 AM	7 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	11/11/2018 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	11/17/2018 12:00 PM	12:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
SO2 lb/mmBtu	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
SO2 lb/mmBtu	11/23/2018 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/1/2018 1:00 PM	3:59 PM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/5/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/10/2018 2:00 AM	2:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/10/2018 4:00 AM	6:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/15/2018 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/16/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/18/2018 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/24/2018 1:00 AM	2:59 AM	2 hours	Communication failure, false readings.	Rebooted Cedar's computer, communications back.
•	Total duration		68 hours		

Colmac Energy SO2 lb/hr CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
SO2 lb/hr	10/7/2018 12:00 PM	1:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/hr	11/17/2018 12:00 PM	12:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
SO2 lb/hr	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
SO2 lb/hr	11/23/2018 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	12/5/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	12/10/2018 2:00 AM	2:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	12/10/2018 4:00 AM	6:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	12/15/2018 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	12/16/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	12/18/2018 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	12/24/2018 1:00 AM	1:59 AM	1 hour	Communication failure, false readings.	Rebooted Cedar's computer, communications back.

Total duration

38 hours

Colmac Energy
CO ppm @3% O2 CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
CO ppm @3% O2	10/5/2018 12:00 PM	12:59 PM	1 hour	CEM OUT OF SERVICE FOR MAINTENANCE	MAINTENACE COMPLETE, CEM BACK IN SERVICE
CO ppm @3% O2	10/6/2018 12:00 PM	12:59 PM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO ppm @3% O2	10/7/2018 12:00 PM	1:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO ppm @3% O2	10/27/2018 12:00 PM	6:59 PM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO ppm @3% O2	10/31/2018 2:00 PM	11:59 PM	10 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO ppm @3% O2	11/1/2018 12:00 AM	6:59 AM	7 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	11/11/2018 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	11/17/2018 12:00 PM	12:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
CO ppm @3% O2	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
CO ppm @3% O2	11/23/2018 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/1/2018 1:00 PM	3:59 PM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/3/2018 12:00 AM	12:59 AM	1 hour	Boiler shutdown.	Boiler work completed, and back online.
CO ppm @3% O2	12/5/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/10/2018 2:00 AM	2:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/10/2018 4:00 AM	6:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/15/2018 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/16/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
CO ppm @3% O2	12/18/2018 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/24/2018 1:00 AM	2:59 AM	2 hours	Communication failure, false readings.	Rebooted Cedar's computer, communications back.
T	otal duration		71 hours		

Colmac Energy CO lb/hr CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
CO lb/hr	10/5/2018 12:00 PM	12:59 PM	1 hour	CEM OUT OF SERVICE FOR MAINTENANCE	MAINTENACE COMPLETE, CEM BACK IN SERVICE
CO lb/hr	10/6/2018 12:00 PM	12:59 PM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO lb/hr	10/31/2018 2:00 PM	11:59 PM	10 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO lb/hr	11/1/2018 12:00 AM	6:59 AM	7 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	11/17/2018 12:00 PM	12:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
CO lb/hr	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
CO lb/hr	12/3/2018 12:00 AM	12:59 AM	1 hour	Boiler shutdown.	Boiler work completed, and back online.
CO lb/hr	12/5/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/10/2018 2:00 AM	2:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/10/2018 4:00 AM	6:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/15/2018 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/16/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/18/2018 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/24/2018 1:00 AM	1:59 AM	1 hour	Communication failure, false readings.	Rebooted Cedar's computer, communications back.

Total duration

55 hours

EMISSIONS DOWNTIME REPORT BOILER #2 CEMS

Colmac Energy NOx ppm @3% O2 CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
NOx ppm @3% O2	10/6/2018 1:00 PM	1:59 PM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx ppm @3% O2	10/7/2018 1:00 AM	1:59 AM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx ppm @3% O2	10/7/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx ppm @3% O2	10/14/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx ppm @3% O2	10/14/2018 5:00 PM	11:59 PM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx ppm @3% O2	10/15/2018 12:00 AM	6:59 AM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx ppm @3% O2	10/27/2018 1:00 PM	6:59 PM	6 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx ppm @3% O2	11/1/2018 10:00 PM	10:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	11/3/2018 11:00 AM	6:59 PM	8 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
NOx ppm @3% O2	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
NOx ppm @3% O2	12/2/2018 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/4/2018 6:00 AM	8:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/7/2018 4:00 PM	6:59 PM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/8/2018 3:00 AM	6:59 AM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/8/2018 6:00 PM	11:59 PM	6 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/9/2018 12:00 AM	3:59 AM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/9/2018 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
NOx ppm @3% O2	12/13/2018 4:00 PM	10:59 PM	7 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/14/2018 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/24/2018 2:00 AM	2:59 AM	1 hour	Communication failure, false readings.	Rebooted Cedar's computer, communications back.
To	otal duration		70 hours		

Colmac Energy NOx lb/mmBtu CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
NOx lb/mmBtu	10/6/2018 1:00 PM	1:59 PM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/mmBtu	10/7/2018 1:00 AM	1:59 AM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/mmBtu	10/7/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/mmBtu	10/14/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/mmBtu	10/14/2018 5:00 PM	11:59 PM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/mmBtu	10/15/2018 12:00 AM	6:59 AM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/mmBtu	10/27/2018 1:00 PM	6:59 PM	6 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/mmBtu	11/1/2018 10:00 PM	10:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	11/3/2018 11:00 AM	6:59 PM	8 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
NOx lb/mmBtu	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
NOx lb/mmBtu	12/2/2018 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/4/2018 6:00 AM	8:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/7/2018 4:00 PM	6:59 PM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/8/2018 3:00 AM	6:59 AM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/8/2018 6:00 PM	11:59 PM	6 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/9/2018 12:00 AM	3:59 AM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/9/2018 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
NOx lb/mmBtu	12/13/2018 4:00 PM	10:59 PM	7 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/14/2018 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/24/2018 2:00 AM	2:59 AM	1 hour	Communication failure, false readings.	Rebooted Cedar's computer, communications back.
	Total duration		70 hours		

Colmac Energy NOx lb/hr CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
NOx lb/hr	10/7/2018 1:00 AM	1:59 AM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/hr	10/7/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/hr	10/14/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/hr	10/14/2018 5:00 PM	11:59 PM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/hr	10/15/2018 12:00 AM	6:59 AM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/hr	11/3/2018 11:00 AM	3:59 PM	5 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
NOx lb/hr	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
NOx lb/hr	12/2/2018 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	12/4/2018 6:00 AM	8:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	12/4/2018 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	12/9/2018 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	12/14/2018 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	12/18/2018 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	12/24/2018 2:00 AM	2:59 AM	1 hour	Communication failure, false readings.	Rebooted Cedar's computer, communications back.

Total duration

37 hours

Colmac Energy SO2 ppm @3% O2 CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
SO2 ppm @3% O2	10/6/2018 1:00 PM	1:59 PM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 ppm @3% O2	10/7/2018 1:00 AM	1:59 AM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 ppm @3% O2	10/7/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 ppm @3% O2	10/14/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 ppm @3% O2	10/14/2018 5:00 PM	11:59 PM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 ppm @3% O2	10/15/2018 12:00 AM	6:59 AM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 ppm @3% O2	10/27/2018 1:00 PM	6:59 PM	6 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 ppm @3% O2	11/1/2018 10:00 PM	10:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	11/3/2018 11:00 AM	6:59 PM	8 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
SO2 ppm @3% O2	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
SO2 ppm @3% O2	12/2/2018 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	12/4/2018 6:00 AM	8:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	12/7/2018 4:00 PM	6:59 PM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	12/8/2018 3:00 AM	6:59 AM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	12/8/2018 6:00 PM	11:59 PM	6 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	12/9/2018 12:00 AM	3:59 AM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	12/9/2018 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
SO2 ppm @3% O2	12/13/2018 4:00 PM	10:59 PM	7 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	12/14/2018 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
To	otal duration		69 hours		

Colmac Energy SO2 lb/mmBtu CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
SO2 lb/mmBtu	10/6/2018 1:00 PM	1:59 PM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/mmBtu	10/7/2018 1:00 AM	1:59 AM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/mmBtu	10/7/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/mmBtu	10/14/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/mmBtu	10/14/2018 5:00 PM	11:59 PM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/mmBtu	10/15/2018 12:00 AM	6:59 AM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/mmBtu	10/27/2018 1:00 PM	6:59 PM	6 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/mmBtu	11/1/2018 10:00 PM	10:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	11/3/2018 11:00 AM	6:59 PM	8 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
SO2 lb/mmBtu	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
SO2 lb/mmBtu	12/2/2018 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/4/2018 6:00 AM	8:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/7/2018 4:00 PM	6:59 PM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/8/2018 3:00 AM	6:59 AM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/8/2018 6:00 PM	11:59 PM	6 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/9/2018 12:00 AM	3:59 AM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/9/2018 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
SO2 lb/mmBtu	12/13/2018 4:00 PM	10:59 PM	7 hours	CEM out of service for	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/14/2018 9:00 AM	10:59 AM	2 hours	maintenance. CEM out of service for maintenance.	Maintenance completed, CEM back in service.
	Total duration		69 hours		

Colmac Energy SO2 lb/hr CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
SO2 lb/hr	10/7/2018 1:00 AM	1:59 AM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/hr	10/7/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/hr	10/14/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/hr	10/14/2018 5:00 PM	11:59 PM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/hr	10/15/2018 12:00 AM	,	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/hr	11/3/2018 11:00 AM	3:59 PM	5 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
SO2 lb/hr	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
SO2 lb/hr	12/4/2018 6:00 AM	8:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	12/4/2018 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	12/9/2018 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	12/14/2018 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	12/18/2018 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.

Total duration

34 hours

Colmac Energy CO ppm @3% O2 CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
CO ppm @3% O2	10/6/2018 1:00 PM	1:59 PM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO ppm @3% O2	10/7/2018 1:00 AM	1:59 AM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO ppm @3% O2	10/7/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO ppm @3% O2	10/14/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO ppm @3% O2	10/14/2018 5:00 PM	11:59 PM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO ppm @3% O2	10/15/2018 12:00 AM	6:59 AM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO ppm @3% O2	10/16/2018 11:00 AM	11:59 AM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO ppm @3% O2	10/27/2018 1:00 PM	6:59 PM	6 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO ppm @3% O2	11/1/2018 10:00 PM	10:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	11/3/2018 11:00 AM	6:59 PM	8 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	11/3/2018 8:00 PM	8:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
CO ppm @3% O2	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
CO ppm @3% O2	11/30/2018 4:00 PM	7:59 PM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/1/2018 1:00 PM	4:59 PM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/2/2018 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/4/2018 6:00 AM	8:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/7/2018 4:00 PM	6:59 PM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
CO ppm @3% O2	12/7/2018 10:00 PM	10:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/8/2018 3:00 AM	6:59 AM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/8/2018 3:00 PM	3:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/8/2018 5:00 PM	11:59 PM	7 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/9/2018 12:00 AM	1:59 PM	14 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/13/2018 4:00 PM	10:59 PM	7 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/14/2018 12:00 AM	1:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/14/2018 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
Т	otal duration		93 hours		

Colmac Energy
CO lb/hr CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
CO lb/hr	10/6/2018 1:00 PM	1:59 PM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO lb/hr	10/7/2018 1:00 AM	1:59 AM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO lb/hr	10/7/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO lb/hr	10/14/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO lb/hr	10/14/2018 5:00 PM	11:59 PM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO lb/hr	10/15/2018 12:00 AM	6:59 AM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO lb/hr	10/16/2018 11:00 AM	11:59 AM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO lb/hr	11/3/2018 11:00 AM	3:59 PM	5 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	11/3/2018 8:00 PM	8:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
CO lb/hr	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
CO lb/hr	11/30/2018 4:00 PM	7:59 PM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/1/2018 1:00 PM	4:59 PM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/4/2018 6:00 AM	8:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/4/2018 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/7/2018 10:00 PM	10:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/8/2018 3:00 PM	3:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/8/2018 5:00 PM	7:59 PM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
CO lb/hr	12/9/2018 4:00 AM	1:59 PM	10 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/14/2018 12:00 AM	1:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/14/2018 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/18/2018 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
· · · · · · · · · · · · · · · · · · ·	Total duration		61 hours		

EMISSIONS DOWNTIME REPORT STACK CEMS

Boilers Stack CEMS Downtime

Colmac Energy Opacity % 6-Min Avg CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
Opacity % 6-Min Avg	10/1/2018 7:06 AM	7:17 AM	12 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/1/2018 9:00 AM	10:05 AM	1 hour, 6 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/1/2018 11:00 AM	11:29 AM	30 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/1/2018 11:42 AM	11:59 PM	12 hours, 18 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/2/2018 12:00 AM	10:59 AM	11 hours	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/2/2018 10:00 PM	11:59 PM	2 hours	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/3/2018 12:00 AM	6:53 AM	6 hours, 54 minutes	Calibrating stack opacity monitor.	
Opacity % 6-Min Avg	10/3/2018 9:00 AM	10:59 AM	2 hours	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/3/2018 11:12 AM	11:29 AM	18 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/3/2018 10:00 PM	11:59 PM	2 hours	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/4/2018 12:00 AM	9:11 AM	9 hours, 12 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/4/2018 11:12 AM	10:11 PM	11 hours	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/5/2018 9:00 AM	9:47 AM	48 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/5/2018 11:12 AM	3:41 PM	4 hours, 30 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/5/2018 10:00 PM	10:11 PM	12 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/10/2018 9:42 AM	10:29 AM	48 minutes	Calibrating stack opacity monitor.	
Opacity % 6-Min Avg	10/10/2018 10:36 AM	10:59 AM	24 minutes	Calibrating stack opacity monitor.	
Opacity % 6-Min Avg	10/10/2018 11:12 AM	1:11 PM	2 hours	Calibrating stack opacity monitor.	

Parameter	Start	End	Duration	Reason	Action
Opacity % 6-Min Avg	10/10/2018 2:18 PM	2:23 PM	6 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/10/2018 3:30 PM	3:41 PM	12 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/11/2018 7:54 AM	8:05 AM	12 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/11/2018 11:12 AM	9:17 PM	10 hours, 6 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	12/14/2018 2:30 PM	3:47 PM	1 hour, 18 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	12/17/2018 8:06 AM	8:17 AM	12 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	12/24/2018 12:30 AM	12:35 AM	6 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	12/24/2018 12:42 AM	12:47 AM	6 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	12/24/2018 1:06 AM	1:17 AM	12 minutes	Calibrating stack opacity monitor.	
Opacity % 6-Min Avg	12/24/2018 1:54 AM	2:05 AM	12 minutes	Calibrating stack opacity monitor.	
Opacity % 6-Min Avg	12/24/2018 2:30 AM	2:35 AM	6 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	12/24/2018 3:54 AM	3:59 AM	6 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	12/24/2018 4:30 AM	4:35 AM	6 minutes	Calibrating stack opacity monitor.	
Opacity % 6-Min Avg	12/24/2018 4:42 AM	5:11 AM	30 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	12/24/2018 5:18 AM	5:23 AM	6 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	12/24/2018 5:30 AM	5:35 AM	6 minutes	Calibrating stack opacity monitor.	
Opacity % 6-Min Avg	12/24/2018 6:24 AM	6:35 AM	12 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	12/24/2018 7:18 AM	7:29 AM	12 minutes	Calibrating stack opacity monitor.	
Opacity % 6-Min Avg	12/26/2018 11:30 AM	11:53 AM	24 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	12/31/2018 7:12 AM	7:17 AM	6 minutes	Not specified	

EXCESS EMISSIONS REPORTS BOILER #1 CEMS

Colmac Energy
NOx ppm @3% O2 3-Hr Rolling Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action	

Colmac Energy
NOx lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 10/1/2018 thru 12/31/2018

_									
Parameter	Ctort	Fnd	D	1 / = l				_	
raiailielei	Start	Eng	Duration	Value	Min	Max	Limit	Reason	Action
						ITIUX	LITTIC	i (Casoni	Action

Colmac Energy
NOx lb/hr 3-Hr Rolling Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
NOx lb/hr 3-Hr Rolling	12/13/2018 12:00 PM	12:59 PM	1 hour	31.0	31.0	31.0	30	Cal gas still in line	Cal completed line cleared
Total	duration		1 hour						

Colmac Energy
NOx lbs/day Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
	Otart	Lita	24,44011	- GIGO	171111	11141	C-11111C	11000011	Action

Colmac Energy SO2 ppm @3% O2 3-Hr Rolling Excess Emissions for 10/1/2018 thru 12/31/2018

	V								
Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

Colmac Energy SO2 ppm @3% O2 30 SOD Rlg Avg Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
									, , , , , , , , , , , , , , , , , , , ,

Colmac Energy SO2 lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit Reason	Action

Colmac Energy SO2 lb/hr 3-Hr Rolling Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
SO2 lb/hr 3-Hr Rolling	12/9/2018 9:00 AM	9:59 AM	1 hour	12.0	12.0	12.0	12	Combustion of fuel with Sulfur impurities.	Raised O2, reduced fuel, and fed more limestone.
Total	duration		1 hour						

Colmac Energy
CO ppm @3% O2 3-Hr Rolling Excess Emissions for 10/1/2018 thru 12/31/2018

_									
Parameter	Stort	E24	Duration	1/01	8.4:	14	1 : ! 4	D	A
i ai ai ii e tei	Start	⊨nd	Duration	Value	Min	Max	Limit	Reason	Action
									71011011

Colmac Energy
CO lb/hr 3-Hr Rolling Excess Emissions for 10/1/2018 thru 12/31/2018

Daramatar	Chart	~1	D					_	
Parameter	Start	⊨nd	Duration	Value	Min	Max	Limit	Reason	A otion
			Baradon	Value	IVIIII	IVIGA	LIIII	17692011	Action

EXCESS EMISSIONS REPORTS BOILER #2 CEMS

Colmac Energy
NOx ppm @3% O2 3-Hr Rolling Excess Emissions for 10/1/2018 thru 12/31/2018

_									
Parameter	Start	End	Duration	\/alua	B.A.	N 4 1 -	1 : :4	D	A
i didilictei	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
									7 (04,011

Colmac Energy
NOx lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	\/alua	N Aim	84	1 114	D	A . 41 .
i arameter	Start	⊨nd	Duration	Value	Min	Max	Limit	Reason	Action

Colmac Energy
NOx lb/hr 3-Hr Rolling Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Ctort	E m ol	D.,	\	h 41			_	
raiailletei	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
								11000011	700011

Colmac Energy
NOx lbs/day Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

Colmac Energy SO2 ppm @3% O2 3-Hr Rolling Excess Emissions for 10/1/2018 thru 12/31/2018

_									
Parameter	Ctort		D	17.1				_	
	Start	⊨nd	Duration	Value	Min	Max	Limit	Reason	Action
	• •					WILL	Liiii	1 (Caşuli	Action

Colmac Energy SO2 ppm @3% O2 30 SOD Rlg Avg Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

Colmac Energy SO2 lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 10/1/2018 thru 12/31/2018

										_
Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action	

Colmac Energy SO2 lb/hr 3-Hr Rolling Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

Boiler 2 Excess Emissions

Colmac Energy
CO ppm @3% O2 3-Hr Rolling Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

There are no excess emissions for this report.

Boiler 2 Excess Emissions

Colmac Energy CO lb/hr 3-Hr Rolling Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
CO lb/hr 3-Hr Rolling	12/4/2018 12:00 AM	5:59 AM	6 hours	14.0	13.0	14.0	13	Cal gas regulator failed.	Cal gas regulator replaced, and back in service.
Total	duration		6 hours		.				

EXCESS EMISSIONS REPORTS STACK CEMS

Boilers Stack Excess Emissions

Colmac Energy
Opacity % 3-Min Avg Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action	

There are no excess emissions for this report.

Boilers Stack Excess Emissions

Colmac Energy
Opacity % 6-Min Avg Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	\/alua	Min	Max	1 ::4	D	A 1°
1 didifictor	Otalit	LIIU	Duration	Value	Min	Max	Limit	Reason	Action
	*		·						

There are no excess emissions for this report.



South Coast Air Quality Management District

Form 500-N

Title V - Deviations, Emergencies & Breakdowns*This written report is <u>in addition to requirements</u> to verbally report certain types of incidents. Verbal reports may be made by calling AQMD at 1-800-288-7664 (1-800-CUT-SMOG) or AQMD enforcement personnel.

Mail To: SCAQMD P.O. Box 4941 Diamond Bar, CA 91765-0941

Tel: (909) 396-3385 www.aqmd.gov

Secti	on I - Operator I	nformation								
1. Fac	ility Name (Business I	Name of Operator That Appears On F			cility ID (Availa	ble On Permit Or Inve	oice Issued By			
De	esert View Pow	/er		.QMD):		100154				
	· · · · · · · · · · · · · · · · · · ·	62-300 Gene Welmas [)rive							
3. Add	fress: ere incident occurred)	32 300 Gene Weinlas L	Street Address							
		Месса			CA	92254-0758	3			
	•		City	*****	State	Zip				
	ling Address:	Same as Above								
(11 0)	ifferent from Item 3)		Street Address							
5. Pro	vide the name, title, a	nd phone number of the person to	City contact for further information:		State	Zip				
	Kev	vin Lawrence	Operations Manager		(760	0) 262-1644	•			
dig set		Name	Title			Phone #	· · · · · · · · · · · · · · · · · · ·			
	<u> </u>	of Breakdowns, Deviations	, and Emergencies		andria de la Pro- Carlos de Carlos de Car Carlos de Carlos de C		jan alah ber Kanada ang Pangalan Manada ang Pangalan			
	s written notification i be of Incident	s to report a(n):	Verhal Benert Duct	186.344	Damant Day					
		Pula 2002(a)	Verbal Report Due*		Report Due	from when the action	ion limit ···			
а. ∣	Emergency under	rule 3002(g)	Within 1 hour of discovery	exceed		from when the emiss	ion limit was			
b.	Breakdown under:		F D. 4. 400 0 0004 Marks 41 4			- Within 7 calendar d				
	Rule 430 (No	'	For Rules 430 & 2004 - Within 1 hour of discovery.		breakdown is corrected, but no later than 30 days from start of the breakdown, unless a written extension is					
	Rule 2004 (RI		For Rule 218 – Within 24 hours or next busin	grante	d.					
	Rule 218 (Noi [See Rule 218		day for failure/shutdown exceeding 24 hours		ile 218 - With rei	quired semi-annual re	eports.			
С.	Deviation with exc [See Title V Permi	ess emissions t, Section K, Condition No. 22B]	Within 72 hours of discovery of the deviation shorter reporting period if required by an applicable State or Federal Regulation.	or Within	Within 14 days of discovery of the deviation.					
d.		t, Section K, Condition Nos. 22D & 23	None	With re	equired semi-anr	nual monitoring repor	ts.			
2 The	incident was first dis	covered by: _Joe Pedroza	on	12/09	9/2018	10:00	♠ AM			
IIIG	moluoni nas mai uis	ouronde by.	Name Of _		ate	Time	○ PM			
3. The	incident was first rep	orted by: Operator #7	on	12/09	9/2018	10:11	• AM			
	Via Phone	Nam	e of AQMD Staff Person	D	ate	Time	○ PM			
b. 🤇	In Person		Notification Num	nber (Required	_{1):} 540826					
4. Whe	en did the incident act	tually occur? 12/09/20 Date	18 09:00 • AM Time PM							
# 15 do	Received By:		Assigned By:		Inspector:					
	Date/Time Received:		Date/Time Assigned:		Date/Time Rec	eived Assignment:				
AQMD	Date Delivered To Te	eam:	Date Reviewed Inspector Report:		Date Inspected Facility:					
USE	Team:	Sector:	Breakdown/Deviation Notification No.		Date Complete	d Report:				
	Recommended Actio	n: Cancel Notification G	rant Relief Issue NOV No.		Other:		**			
	Final Action		rant Relief Issue NOV No.		Other:					

Boiler 1 Excess Emissions

Colmac Energy SO2 lb/hr 3-Hr Rolling Excess Emissions for 12/9/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
SO2 lb/hr 3-Hr Rolling	12/9/2018 9:00 AM	9:59 AM	1 hour	12.0	12.0	12.0	12	Not specified	

Total duration

1 hour



South Coast Air Quality Management District

Form 500-N

Title V - Deviations, Emergencies & Breakdowns

"This written report is <u>in addition to requirements</u> to verbally report certain types of incidents. Verbal reports may be made by calling AQMD at 1-800-288-7664 (1-800-CUT-SMOG) or AQMD enforcement personnel.

Mail To: SCAQMD P.O. Box 4941 Diamond Bar, CA 91765-0941

> Tel: (909) 396-3385 www.aqmd.gov

racinty Name (business	Name of Operator That Appears On Pe		AQMD Facility ID) (Availab	le On Permit Or Inv	oice Issued
Desert View Pov	ver	AQMI	J): —		100154	
Address:	62-300 Gene Welmas Dr	rive				
(where incident occurred)		Street Address				
	Mecca			CA	92254-0758	3
		City	(State	Zip	
Mailing Address: (if different from Item 3)	Same as above	Street Address				
Provide the name, title,	and phone number of the person to c	City ontact for further information:		State	Zip	
Ke	vin Lawrence	Operations Manager		(760) 262-1644	
	Name	Title		(,,,,,	Phone #	
ction II - Reporting	of Breakdowns, Deviations,	and Emergencies	a financia de la desta de la dela de la dela dela dela dela d	4 V 4 V 4		e gos vierken kriefs Optober 1. oktobr
This written notification			zkoli se bisko ko Soviet V (d. 18)		<u> </u>	** 16 T-15 TV
Type of Incident		Verbal Report Due*	Written Report	Due		
a.	Rule 3002(g)	Within 1 hour of discovery	1 1		om when the emiss	ion limit w
b. E Breakdown under Rule 430 (No		For Rules 430 & 2004 - Within 1 hour of discovery.	breakdown is	corrected,	Within 7 calendar d but no later than 30 unless a written extended	days fron
Rule 2004 (F Rule 218 (No [See Rule 21	on-RECLAIM)	For Rule 218 – Within 24 hours or next business day for failure/shutdown exceeding 24 hours	granted.		uired semi-annual re	
C. Deviation with exp	cess emissions it, Section K, Condition No. 22B]	Within 72 hours of discovery of the deviation or shorter reporting period if required by an applicable State or Federal Regulation.	Within 14 days	of discov	very of the deviation	er (), de Ouley False, me
d. Other Deviation [See Title V Perm	it, Section K, Condition Nos. 22D & 23]	None	With required s	semi-annu	ual monitoring repor	ts.
The incident was first di	scovered by: _Joe Pedroza	on	12/04/2018	8	01:00	● AM
		Name	Date		Time	○ PM
The incident was first re	ported by: Operator #7	on	12/04/2018	8	01:12	♠ AM
a. 💿 Via Phone	Name o	of AQMD Staff Person	Date		Time	← PM
b. C In Person		Notification Number	(Required): 54(0164		
When did the incident ac	tually occur? 12/04/2018		(1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-			
Received By:		Assigned By:	Inspect	tor:		
Date/Time Received	:	Date/Time Assigned:	Date/Ti	ime Rece	ived Assignment:	
Date Delivered To T	eam:	Date Reviewed Inspector Report:	Date In	spected F	acility:	**
SE Team:	Sector:	Breakdown/Deviation Notification No.	Date C	ompleted	Report:	
Recommended Action	on: Cancel Notification Gran	nt Relief Issue NOV No	Othe	r:		
1910 Rec. 1						

Boiler 2 Excess Emissions

Colmac Energy
CO fb/hr 3-Hr Rolling Excess Emissions for 12/4/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
CO lb/hr 3-Hr Rolling	12/4/2018 12:00 AM	5:59 AM	6 hours	14.0	13.0	14.0	13	Not specified	
Total	duration		6 hours						



South Coast Air Quality Management District

Title V - Deviations, Emergencies & Breakdowns

*This written report is in addition to requirements to verbally report certain types of incidents. Verbal reports may be made by calling AQMD at 1-800-288-7664 (1-800-CUT-SMOG) or AQMD enforcement personnel.

Mail To: SCAQMD P.O. Box 4941 Diamond Bar, CA 91765-0941

Tel: (909) 396-3385

Sect	ion I - Operator I	nformation						
1. Fa	cility Name (Business	Name of Operator That Appears	On Permit):	2. Valid	AQMD Facility ID (Availat	ole On Permit Or Invoice Issued By		
D	esert View Pow	/er		AQME)): 	100154		
	dress: lere incident occurred)	62-300 Gene Welma						
(***	iere incluent occurred)	Mecca	Street Addr	ess	0.4	2225		
		Wiccoa	City		CA State	92254 Zip		
4. Mai	iling Address:	Same As Above	·			- F		
(if d	lifferent from Item 3)		Street Addro	ess	- Indiana and a second			
5. Pro	vide the name, title, a	nd phone number of the perso	City n to contact for further information:		State	Zip		
	L	ouie Lopez	Shift Supervi	sor	(760) 262-1645		
	117-9	Name	Title		(.00	Phone #		
		of Breakdowns, Deviation	ons, and Emergencies					
	s written notification i pe of Incident	s to report a(n):	V 1 15					
	Emergency under	Rule 3002(g)	Verbal Report Due* Within 1 hour of discovery		Written Report Due Within 2 working days f	rom when the emission limit was		
6	□ Bearledour conduc				exceeded.			
D.	☐ Breakdown under: ☐ Rule 430 (Nor ☐ Rule 2004 (RE	n-RECLAIM)	For Rules 430 & 2004 - Within 1 hou discovery.	r of	breakdown is corrected	Within 7 calendar days after , but no later than 30 days from unless a written extension is		
	Rule 218 (Nor [See Rule 218		For Rule 218 – Within 24 hours or ne day for failure/shutdown exceeding 2		_	uired semi-annual reports.		
C.	Deviation with exce [See Title V Permit	ess emissions , Section K, Condition No. 22B]	Within 72 hours of discovery of the di shorter reporting period if required by applicable State or Federal Regulation	/ an	Within 14 days of discovery of the deviation.			
d.	Other Deviation [See Title V Permit	, Section K, Condition Nos. 22D	None & 23]		With required semi-ann	ual monitoring reports.		
2. The	incident was first disc	covered by: Louie Lopez	Name	on	11/13/2018 Date	01:00 C AM		
3. The	incident was first rep	orted by: Operator #12		on	11/13/2018	01:27 CAM		
	Via Phone		lame of AQMD Staff Person		Date	Time PM		
ъ. С	În Person		Notification	on Number (1	Required): 537975			
4. Whe	en did the incident act	ually occur? 11/13/2	2018 <u>01:00</u> C <i>p</i>	AM				
	Received By:		Assigned By:	7,7,1	Inspector:			
	Date/Time Received:		Date/Time Assigned:		Date/Time Recei	ved Assignment:		
AQMD	Date Delivered To Te	am:	Date Reviewed Inspector Report:		Date Inspected F	acility:		
USE ONLY	Team:	Sector:	Breakdown/Deviation Notification No.		Date Completed	Report:		
	Recommended Action	Cancel Notification	Grant Relief Issue NOV No		Other:			
	Final Action:	Cancel Notification	Grant Relief Issue NOV No		Other:			

Colmac Energy Mecca, CA

Boiler 1 Daily Emissions Report November 13, 2018

Emission Limits

Daily NOx lbs- 648

30-Day Rolling NOx lb/mmBtu - 0.3 SO2 lb/mmBtu - 1.2

Hour	02%	NOx ppm	NOx ppm @3% O2	NOx lb/mmBtu	NOx lbs	SO2 ppm	SO2 ppm @3% O2	SO2 lb/mmBtu	SO2 lbs	CO ppm	CO ppm @3% O2	CO lb/mmBtu	CO lbs	Process Status
00	9.6	41,2	65.3	0.091	26.84	9.7	15.4	0.030	8.81	10.0	15.8	0.013	3.97	Normal
01	9.6	41.9	66.4	0.093	27.53	9.5	15.0	0.029	8.65	10.0	15.8	0.013	3.99	Normal
02	9.8	38.0	61.3	0.086	24.70	10.3	16.6	0.032	9.34	10.0	16.1	0.014	3.95	Normal
03	9.8	39.1	63.1	0.088	25.48	7.9	12.7	0.025	7.12	10.0	16.1	0.014	3.98	Normal
04	9.9	40,2	65.4	0.091	26.20	9.5	15.5	0.030	8.60	10.0	16.3	0.014	3.97	Normal
05	9.9	38.6	62.8	0.088	25.05	11.6	18.9	0.037	10.44	10.0	16.3	0.014	3.95	Normal
06	10.2	39.6	66.2	0.092	25.33	10.6	17.7	0.034	9.48	10.0	16.7	0.014	3.90	Normal
07	10.1	42.7	70.8	0.099	27.69	5.8	9.6	0.019	5.20	10.0	16.6	0.014	3.94	Normal
08	10.0	40.1	65.9	0.092	25.58	8.9	14.6	0.028	7.88	10.0	16.4	0.014	3.88	Normal
09	10.5	39.8	68.5	0.096	24.99	10.9	18.8	0.036	9.55	10.0	17.2	0.015	3.82	Normal
10	10.2	42.0	70.3	0.098	26.87	10.1	16.9	0.033	8.99	10.0	16.7	0.014	3.89	Normal
11	9.8	52.6	84.8	0.118	38.08	8.1	13.1	0.025	8.17	10.0	16.1	0.014	4.33	Normal
12	10.1	40.6	67.3	0.094	26.61	7.0	11.6	0.023	6.38	10.0	16.6	0.014	3.99	Normal
13	Inval	Inval	Inval	Inval	Inval	Invai	Inval	Inval	Inval	Inval	Inval	inval	Inval	Normal
14	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Invai	Normal
15	Inval	Inval	inval	Inval	Inval	inval	Invai	Inval	inval	inval	Inval	inval	Inval	Normal
16	Inval	inval	inval	Inval	Inval	Inval	inval	Inval	Inval	Inval	Inval	inval	Inval	Normal
17	Inval	inval	Inval	Inval	Inval	Inval	Inval	Inval	inval	Inval	Inval	inval	Inval	Normal
18	Inval	inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	inval	Inval	Normal
19	Inval	Inval	Inval	Inval	inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
20	Inval	Inval	inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	inval	Inval	Inval	Normal
21	Inval	inval	inval	Inval	Inval	Inval	Invai	Inval	Inval	Inval	Inval	Inval	inval	Normal
22	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
23	Inval	inval	inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	inval	inval	Normal
Average Total	10.0	41.3	67.5	0.094	350.95	9.2	15.1	0.029	108.61	10.0	16.4	0.014	51.6	
30-Day Ring 365-Day Ring				0.087				0.027	51985					



January 15, 2019

DVP-190002

Director, Air Management Division Attention: A-3-3 U.S. Environmental Protection Agency 75 Hawthorne Street San Francisco, California 94105-3901

Subject: Desert View Power 4th Quarter, Quarterly Emission Report for 2018.

RE:

A-3-1

NSR 4-4-11

SE 87-01

Dear Sir:

In compliance with our permit, enclosed are the following:

- 1) 4th Quarter, Quarterly Emissions Report for 2018 for Desert View Power
 - Emissions summary reports for each permitted pollutant for our two boilers.
 - Excess emissions reports from each of our two CEMS.

This report covers the period from October 01, 2018 to December 31, 2018.

If you have questions or comments, please feel free to call me at (760) 262-1653.

Sincerely,

James Russell Huffmar

Vice President of CA operations / Plant Manager



Enclosure

cc: Chief, Stationary Source Division

California Air Resources Board

P.O. Box 2815

Sacramento, CA 95814

Air Pollution Control Officer

Attention: Mr. David Jones, AQAC Supervisor

South Coast Air Quality Management District

21865 E. Copley Drive

Diamond Bar, CA 91765-4182

Air Division Director

U.S. Environmental Protection Agency

Attention: AIR-5

75 Hawthorne Street

San Francisco, California 94105-3901

EMISSIONS SUMMARIES

BOILER #1

CO lb/hr

CO ppm

NOx lb/MMBtu

NOx lb/hr

NOx ppm

SOx lb/MMBtu .

SOx Ib/hr

SOx ppm

Opacity

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31,2018

Pollutant: CO

Emissions limitation(s): 13 lbs/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2123 hr Emission Summary¹

- Duration of excess emissions in reporting period due to:
 - Startup/Shutdown: a.

0.0 hr

- Control equipment problems: b.
- 0.0 hr

c. Process problems: 0.0 hr

Other known problems: Unknown problems:

0.0 hr

- 0.0 hr
- 2. Total duration of excess emissions:
- 0.0 hr
- Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.00% ²

CMS Performance Summary¹

- 1. CMS downtime in reporting period due to:
 - a. Monitor equipment malfunction:
- 0.0 hr
- Non-monitor equipment malfunction: b.
 - 0.0 hr
- Quality assurance calibration:
- 0.0 hr

Other known causes: Unknown causes: е.

57.0 hr 0.0 hr

2. Total CMS downtime:

- 57.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 2.68%²
 - For opacity, record all times in minutes. For gases, record all times in hours.
 - For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018

Pollutant: CO

Emissions limitation(s): 231 ppm @ $3\% O_2$.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2123.0 hr

Emission Summary¹

1.	Duration	$\circ f$	AVCASS	emissions	in	×opontino		1	,
- •	Daracron	OT	CVCCSS	EUITSSTOILS	711	reporting	perioa	aue	to:

- a. Startup/Shutdown:

 b. Control equipment problems:

 c. Process problems:

 d. Other known problems:

 e. Unknown problems:

 0.0 hr
 0.0 hr
 0.0 hr
- 2. Total duration of excess emissions: 0.0 hr
- 3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% ²

CMS Performance Summary¹

- 1. CMS downtime in reporting period due to:
 - a. Monitor equipment malfunction: 0.0 hr
 - b. Non-monitor equipment malfunction: 0.0 hrc. Quality assurance calibration: 0.0 hr
 - d. Other known causes: 71.0 hr
- e. Unknown causes: 0.0 hr 2. Total CMS downtime: 71.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 3.34% ²
 - For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018

Pollutant: NO_{\times}

Emissions limitation(s): 0.30 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

0.0 hr

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2123.0 hr

Emission Summarv¹

1.	Dura	tion	of	excess	emissions	in	reporting	period	due	to.
	a.	Stai	rtup	o/Shutdo	own:			0.0 hr	auc	

Startup/Shutdown: b.

Control equipment problems: Process problems: c.

0.0 hrOther known problems: d. 0.0 hr

Unknown problems: 0.0 hr

Total duration of excess emissions: 2. 0.0 hr

Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.0% ²

CMS Performance Summary¹

CMS downtime in reporting period due to:

- Monitor equipment malfunction: 0.0 hr
- Non-monitor equipment malfunction: b. 0.0 hr c.
- Quality assurance calibration: 0.0 hr d.
- Other known causes: 66.0 hr
- Unknown causes: e. 0.0 hr 2. Total CMS downtime: 66.0 hr
- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 3.11%²
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018Pollutant:

Emissions limitation(s): 30 lb/hr

Monitor Manufacturer and Model No.: CAT

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

b.

Total source operating time in reporting period: 2123.0 hr

Emission Summary¹

- Duration of excess emissions in reporting period due to: 1.
 - Startup/Shutdown:
 - 0.0 hr Control equipment problems: 0.0 hr
 - c. Process problems: 0.0 hr
 - d. Other known problems: 1.0 hr
 - Unknown problems: 0.0 hr
- Total duration of excess emissions: 2. 1.0 hr
- Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.05%²

CMS Performance Summary¹

- 1. CMS downtime in reporting period due to:
 - Monitor equipment malfunction: 0.0 hr
 - b. Non-monitor equipment malfunction: 0.0 hr
 - C. Quality assurance calibration: 0.0 hr
 - d. Other known causes: 45.0 hr
- Unknown causes: 0.0 hr 2. Total CMS downtime: 45.0 hr
- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 2.12% 2
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60 7/01 about he submitted 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018

Pollutant: NO_x

Emissions limitation(s): 94 ppm @ 3% O_2 .

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2123.0 hr

Emission Summary¹

⊥.	Duration	of excess	emissions	in	reporting	period	due	to.
	a C+ a	xtun/Chuta			19	Porroa	auc	co.

a.	Startup/Shutdown:	0.0 hr
b.	Control equipment problems:	0.0 hr
c.	Process problems:	0.0 hr
d.	Other known problems:	0.0 hr
e.	Unknown problems:	0.0 hr

2. Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% 2

CMS Performance Summary¹

- 1. CMS downtime in reporting period due to:
 - Monitor equipment malfunction: 0.0 hr
 - b. Non-monitor equipment malfunction: 0.0 hrc. Quality assurance calibration: 0.0 hr
 - d. Other known causes: 69.0 hr
- e. Unknown causes: 0.0 hr 2. Total CMS downtime: 69.0 hr
- (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time =3.25% 2
 - For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018

Pollutant: SO_x

Emissions limitation(s): 1.2 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2123.0 hr

Emission Summary¹

- 1. Duration of excess emissions in reporting period due to:
 - a. Startup/Shutdown:

0.0 hr

- b. Control equipment problems:
- 0.0 hr

c. Process problems:

0.0 hr

d. Other known problems:

0.0 hr

e. Unknown problems:

0.0 111

e. onknown problems.

- 0.0 hr
- Total duration of excess emissions:
- 0.0 hr
- Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% ²

CMS Performance Summary¹

- 1. CMS downtime in reporting period due to:
 - a. Monitor equipment malfunction:
- 0.0 hr
- b. Non-monitor equipment malfunction:
- 0.0 hr
- Quality assurance calibration:d. Other known causes:
- 0.0 hr

e. Unknown causes:

68.0 hr 0.0 hr

2. Total CMS downtime:

- 68.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 3.20% ²
 - For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018

Pollutant: SO_x

Emissions limitation(s): 12 lb/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2123.0 hr

Emission Summarv¹

1.	Duration of excess emissions in rone	+ dominion and and all all all
	Duration of excess emissions in repor	ting period due to:
	a. Startup/Shutdown:	0.0 hr
	b. Control equipment problems:	0.0 hr
	c. Process problems:	0.0 hr
	d. Other known problems:	1.0 hr
	e. Unknown problems:	0.0 hr
2.	Total duration of excess emissions:	0.0 hr

Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = $0.\overline{0}5\%$ 2

CMS Performance Summary¹

- CMS downtime in reporting period due to: 1.
 - Monitor equipment malfunction: $0.0 \, \mathrm{hr}$
 - Non-monitor equipment malfunction: b. 0.0 hr
 - Quality assurance calibration: 0.0 hr
 - d. Other known causes:
 - 38.0 hr e. Unknown causes:
- 0.0 hr Total CMS downtime: 38.0 hr
- (Total CMS downtime) / (Total source operating time) \boldsymbol{x} (100%) = % of Total source operating time = 1.79% 2
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018

Pollutant: SO_x

Emissions limitation(s): 27 ppm @ $3\% O_2$.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2123.0 hr

_Emission Summary¹

			<i>1</i>	
1.	Dura	tion of excess emissions in	reporting period due t	0:
	a.	Startup/Shutdown:	0.0 hr	
	b.	Control equipment problems	: 0.0 hr	
		Process problems:	0.0 hr	
	d.	Other known problems:	0.0 hr	
		Unknown problems:	0.0 hr	

- e. Unknown problems: 0.0 hr

 2. Total duration of excess emissions: 0.0 hr
- 3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% ²

CMS Performance Summary¹

- 1. CMS downtime in reporting period due to:
 - a. Monitor equipment malfunction: 0.0 hr
 - b. Non-monitor equipment malfunction: 0.0 hr
 - c. Quality assurance calibration: 0.0 hr
 - d. Other known causes: 69.0 hr
- e. Unknown causes: 0.0 hr
- 2. Total CMS downtime: 69.0 hr
- (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 3.25% ²
 - For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018

Pollutant: Opacity

Emissions limitation(s): 10% 3-min period. 20% 6-min period.

Monitor Manufacturer and Model No.: CMS-CISCO Model 10001330

Opacity-Monitor Labs Inc.

LightHawk 560

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2123 hr or 127380 minutes

Emission Summary¹

- Duration of excess emissions in reporting period due to: 1.
 - Startup/Shutdown:
 - 0 min b. Control equipment problems: 0 min
 - c. Process problems: 0 min
 - d. Other known problems: 0 min
- Unknown problems: 0 min 2. Total duration of excess emissions:
- 0 min Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.0% 2

CMS Performance Summary¹

- 1. CMS downtime in reporting period due to:
 - Monitor equipment malfunction: a.
 - b. Non-monitor equipment malfunction:
 - c. Quality assurance calibration: 0 min
 - Other known causes: d.
- 4926 min 0 min

0 min

0 min

2. Total CMS downtime:

Unknown causes:

- 4926 min
- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 3.8672% 2
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60 7(0) shall be submitted 60.7(c) shall be submitted.

EMISSIONS SUMMARIES

BOILER #2

CO lb/hr

CO ppm

NOx lb/MMBtu

NOx lb/br

 ${\tt NOx\;ppm}$

SOx lb/MMBtu

SOx lb/br

 $\mathrm{SOx}\ \mathrm{ppm}$

Opacity

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018 Pollutant: CO

Emissions limitation(s): 13 lb/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2016.0 hr
Emission Summary¹

- 1. Duration of excess emissions in reporting period due to:
 - a. Startup/Shutdown:

0.0 hr

- b. Control equipment problems:
- 0.0 hr

c. Process problems:

0.0 hr 6.0 hr

d. Other known problems:

0.0 111

e. Unknown problems:

- 0.0 hr
- 2. Total duration of excess emissions:
- 0.0 hr
- 3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.30% ²

CMS Performance Summary¹

- 1. CMS downtime in reporting period due to:
 - a. Monitor equipment malfunction:
- 0.0 hr 0.0 hr
- b. Non-monitor equipment malfunction:c. Quality assurance calibration:
 - 0.0 hr

d. Other known causes:

61.0 hr

e. Unknown causes:

0.0 hr

2. Total CMS downtime:

- 61.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 3.03% ²
 - For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018Pollutant:

Emissions limitation(s): 231 ppm @ 3% O₂.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

2.

2.

Total source operating time in reporting period: 2016.0 hr

Emission Summarv¹

7	Duration	~ ~							
т.	Duracion	ΟŢ	excess	emissions	ın	reporting	period	due	t 0 .
							POLICA	auc	\sim \sim

Startup/Shutdown: a.

0.0 hrb. Control equipment problems: 0.0 hr

c. Process problems: 0.0 hr d. Other known problems: 0.0 hr

Unknown problems: 0.0 hr Total duration of excess emissions: 0.0 hr

Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00%²

CMS Performance Summary¹

1. CMS downtime in reporting period due to:

Monitor equipment malfunction: a . 0.0 hr

b. Non-monitor equipment malfunction: 0.0 hr

c. Quality assurance calibration: 0.0 hr

d. Other known causes: 96.0 hr

Unknown causes: e. 0.0 hr Total CMS downtime: 96.0 hr

3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 4.76%²

For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018

Pollutant: NO_{x}

Emissions limitation(s): 0.30 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Woodwaste/petroleum coke fired Process unit(s) Description:

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2016.0 hr

Emission Summary¹

- Duration of excess emissions in reporting period due to: 1.
 - Startup/Shutdown:

- 0.0 hr 0.0 hr
- Control equipment problems: b.

Process problems: c.

0.0 hr

Other known problems: d.

0.0 hr

Unknown problems: е.

- 0.0 hr
- Total duration of excess emissions: 2.
- 0.0 hr

- Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.0% 2

CMS Performance Summary¹

- CMS downtime in reporting period due to: 1.
 - Monitor equipment malfunction: a.
- 0.0 hr
- Non-monitor equipment malfunction:
- 0.0 hr
- Quality assurance calibration: c.
- 0.0 hr

Other known causes: d. Unknown causes:

70.0 hr 0.0 hr

Total CMS downtime: 2.

- 70.0 hr
- (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 3.47%²

 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018

Pollutant: NO_{x}

Emissions limitation(s): 30 lb/hr

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2016.0 hr

Emission Summarv¹

1.	Durat	ion	of	excess	emiss	sions	in	reporting	period	due	to.
	a.	Star	ctup	o/Shutdo	own:		·		0.0 hr	aac	
	1_	~ .	-								

Control equipment problems: h. 0.0 hr c. Process problems: 0.0 hr

d. Other known problems: 0.0 hr Unknown problems:

0.0 hr . 2 . Total duration of excess emissions: 0.0 hr

Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = $0.\overline{00}$ % 2

CMS Performance Summary¹

1. CMS downtime in reporting period due to:

а Monitor equipment malfunction: 0.0 hr b. Non-monitor equipment malfunction:

0.0 hr c. Quality assurance calibration: 0.0 hr

Other known causes: d.

37.0 hr Unknown causes: e.

0.0 hr Total CMS downtime: 37.0 hr

(Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 1.84% ²

For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018

Pollutant: NO_{x}

Emissions limitation(s): 94 ppm @ 3% O₂.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2016.0 hr

Emission Summarv¹

1.	Duration	of	excess	emissions	in	reporting	neriod	duo	+ ~ •
	- 01						PCLLOU	auc	LU.

a. Startup/Shutdown: 0.0 hr b.

Control equipment problems: 0.0 hr c. Process problems:

0.0 hr Other known problems: 0.0 hr

Unknown problems: 0.0 hr

Total duration of excess emissions: 2. $0.0 \, \mathrm{hr}$

Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.00% ²

CMS Performance Summary¹

1. CMS downtime in reporting period due to:

Monitor equipment malfunction: $0.0 \, \mathrm{hr}$

Non-monitor equipment malfunction: b. 0.0 hr

Quality assurance calibration: 0.0 hr d.

Other known causes: 70.0 hr

Unknown causes: $0.0 \, \mathrm{hr}$

2. Total CMS downtime: 70.0 hr

(Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 3.47% ²

For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted. 2

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018

Pollutant: SO_x

Emissions limitation(s): 1.2 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2016.0 hr

Emission Summary¹

Ι.	Duration	ΟÍ	excess	emissions	in	reporting	period	due	to.
	2 C+ 2.	~+ · · ·	~ / Cl + -1 .			1 9	POLICA	auc	CO.

- a. Startup/Shutdown:

 b. Control equipment problems:

 c. Process problems:

 d. Other known problems:

 e. Unknown problems:
- e. Unknown problems:

 2. Total duration of excess emissions:

 0.0 hr
- 3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% 2

CMS Performance Summary¹

- 1. CMS downtime in reporting period due to:
 - a. Monitor equipment malfunction: 0.0 hr
 - Non-monitor equipment malfunction: 0.0 hr
 Quality assurance calibration: 0.0 hr
 - d. Other known causes:

 0.0 hr
 69.0 hr
- e. Unknown causes:

 2. Total CMS downtime:

 0.0 hr
 69.0 hr
- (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 3.42% 2
 - For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018 Pollutant:

Emissions limitation(s): 12 lb/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2016.0 hr

Emission Summarv¹

		_							
1.	Duration	of	excess	emissions	in	reporting	period	due	to:

a. Startup/Shutdown:

0.0 hr b. Control equipment problems: 0.0 hr

c. Process problems: 0.0 hr d. Other known problems: 0.0 hr

Unknown problems: 0.0 hr

2. Total duration of excess emissions: 0.0 hr

Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% 2

CMS Performance Summary¹

1. CMS downtime in reporting period due to:

а. Monitor equipment malfunction: 0.0 hr b.

Non-monitor equipment malfunction: 0.0 hr

c. Quality assurance calibration: 0.0 hr Other known causes:

34.0 hr Unknown causes: е. 0.0 hr

Total CMS downtime: 2. 34.0 hr

(Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.69%²

For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 2018Pollutant:

Emissions limitation(s): 27 ppm @ 3% O_2 .

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period:

Emission Summary¹

⊥ •	Duration	ΟÍ	excess	emissions	in	reporting	period	due	t 0 .
	a Star	rt 117	\Shu+da	oran •			Porroa	auc	٠٠.

Startup/Shutdown: 0.0 hr b. Control equipment problems: 0.0 hr

Process problems: C. 0.0 hr

Other known problems: d. 0.0 hr Unknown problems: 0.0 hr

2. Total duration of excess emissions: 0.0 hr

Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% ²

CMS Performance Summary¹

1. CMS downtime in reporting period due to:

Monitor equipment malfunction: $0.0 \, \mathrm{hr}$ b.

Non-monitor equipment malfunction: 0.0 hr

c. Quality assurance calibration: 0.0 hr Other known causes: d.

69.0 hr Unknown causes:

0.0 hr 2. Total CMS downtime: 69.0 hr

(Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 3.42%²

For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From October 1, 2018 to December 31, 20182018Pollutant: Opacity

Emissions limitation(s): 10% 3-min period. 20% 6-min period.

Monitor Manufacturer and Model No.: CMS-CISCO Model 10001330 Opacity-Monitor Labs Inc.

LightHawk 560

Date of last CMS certification or audit: Emissions Performance

Test on

March 30, 2018

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2016.0 hr or 120,960 minutes

Emission Summary¹

- Duration of excess emissions in reporting period due to: 1. а. 0 min
 - Startup/Shutdown: b. Control equipment problems:
 - 0 min c. Process problems: 0 min
 - Other known problems: d. Unknown problems: e.
 - 0 min Total duration of excess emissions: 0 min
- Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.0% ²

CMS Performance Summary¹

- CMS downtime in reporting period due to:
 - Monitor equipment malfunction: 0 min
 - Non-monitor equipment malfunction: b.
 - Quality assurance calibration: C. d.
 - Other known causes:
 - e. Unknown causes:
- Total CMS downtime:

2.

0 min 4926 min

0 min

0 min

4926 min

0 min

- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 4.0724% 2
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

EMISSIONS DOWNTIME REPORT BOILER #1 CEMS

Boiler 1 CEMS Downtime

Colmac Energy NOx ppm @3% O2 CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
NOx ppm @3% O2	10/7/2018 12:00 PM	1:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx ppm @3% O2	10/27/2018 12:00 PM		7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx ppm @3% O2	10/31/2018 2:00 PM	11:59 PM	10 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx ppm @3% O2	11/1/2018 12:00 AM	6:59 AM	7 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	11/11/2018 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	11/17/2018 12:00 PM	12:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
NOx ppm @3% O2	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
NOx ppm @3% O2	11/23/2018 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/1/2018 1:00 PM	3:59 PM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/5/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/10/2018 2:00 AM	2:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/10/2018 4:00 AM	6:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/15/2018 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/16/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/18/2018 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/24/2018 1:00 AM	2:59 AM	2 hours	Communication failure, false readings.	Rebooted Cedar's computer, communications back.
NOx ppm @3% O2	12/28/2018 10:00 AM	10:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
	Total duration		69 hours		

Colmac Energy NOx lb/mmBtu CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
NOx lb/mmBtu	10/7/2018 12:00 PM	1:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/mmBtu	10/27/2018 12:00 PM	6:59 PM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/mmBtu	10/31/2018 2:00 PM	11:59 PM	10 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/mmBtu	11/1/2018 12:00 AM	6:59 AM	7 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	11/11/2018 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	11/17/2018 12:00 PM	12:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
NOx lb/mmBtu	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
NOx lb/mmBtu	11/23/2018 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/1/2018 1:00 PM	3:59 PM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/5/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/10/2018 2:00 AM	2:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/10/2018 4:00 AM	6:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/15/2018 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/16/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/18/2018 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/24/2018 1:00 AM	2:59 AM	2 hours	Communication failure, false readings.	Rebooted Cedar's computer, communications back.
NOx lb/mmBtu	12/28/2018 10:00 AM	10:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
	Total duration		69 hours		

Colmac Energy NOx lb/hr CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
NOx lb/hr	10/7/2018 12:00 PM	1:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/hr	11/11/2018 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	11/17/2018 12:00 PM	12:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
NOx lb/hr	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
NOx lb/hr	11/23/2018 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	12/1/2018 1:00 PM	3:59 PM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	12/5/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	12/10/2018 2:00 AM	2:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	12/10/2018 4:00 AM	6:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	12/15/2018 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	12/16/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	12/18/2018 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	12/24/2018 1:00 AM	1:59 AM	1 hour	Communication failure, false readings.	Rebooted Cedar's computer, communications back.
NOx lb/hr	12/28/2018 10:00 AM	10:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.

Total duration

44 hours

Colmac Energy SO2 ppm @3% O2 CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
SO2 ppm @3% O2	10/7/2018 12:00 PM	1:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 ppm @3% O2	10/27/2018 12:00 PM	6:59 PM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 ppm @3% O2	10/31/2018 2:00 PM	11:59 PM	10 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 ppm @3% O2	11/1/2018 12:00 AM	6:59 AM	7 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	11/11/2018 12:00 PM		2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	11/17/2018 12:00 PM	12:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
SO2 ppm @3% O2	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
SO2 ppm @3% O2	11/23/2018 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	12/1/2018 1:00 PM	3:59 PM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	12/5/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	12/10/2018 2:00 AM	2:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	12/10/2018 4:00 AM	6:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	12/15/2018 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	12/16/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	12/18/2018 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
6O2 ppm @3% O2	12/24/2018 1:00 AM	2:59 AM	2 hours	Communication failure, false readings.	Rebooted Cedar's computer, communications back.
To	tal duration		68 hours		

Colmac Energy SO2 lb/mmBtu CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
SO2 lb/mmBtu	10/7/2018 12:00 PM	1:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/mmBtu	10/27/2018 12:00 PM	6:59 PM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/mmBtu	10/31/2018 2:00 PM	11:59 PM	10 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/mmBtu	11/1/2018 12:00 AM	6:59 AM	7 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	11/11/2018 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	11/17/2018 12:00 PM	12:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
SO2 lb/mmBtu	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
SO2 lb/mmBtu	11/23/2018 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/1/2018 1:00 PM	3:59 PM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/5/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/10/2018 2:00 AM	2:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/10/2018 4:00 AM	6:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/15/2018 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/16/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/18/2018 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/24/2018 1:00 AM	2:59 AM	2 hours	Communication failure, false readings.	Rebooted Cedar's computer, communications back.
	Total duration		68 hours		

CeDAR Reports 1/14/2019 12:00 PM, Boiler 1 CEMS Downtime

Colmac Energy SO2 lb/hr CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
SO2 lb/hr	10/7/2018 12:00 PM	1:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/hr	11/17/2018 12:00 PM	12:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
SO2 lb/hr	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
SO2 lb/hr	11/23/2018 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	12/5/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	12/10/2018 2:00 AM	2:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	12/10/2018 4:00 AM	6:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	12/15/2018 10:00 PM		2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	12/16/2018 12:00 AM		12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	12/18/2018 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	12/24/2018 1:00 AM	1:59 AM	1 hour	Communication failure, false readings.	Rebooted Cedar's computer, communications back.

Total duration

38 hours

Colmac Energy CO ppm @3% O2 CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
CO ppm @3% O2	10/5/2018 12:00 PM	12:59 PM	1 hour	CEM OUT OF SERVICE FOR MAINTENANCE	MAINTENACE COMPLETE, CEM BACK IN SERVICE
CO ppm @3% O2	10/6/2018 12:00 PM	12:59 PM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO ppm @3% O2	10/7/2018 12:00 PM	1:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO ppm @3% O2	10/27/2018 12:00 PM	6:59 PM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO ppm @3% O2	10/31/2018 2:00 PM	11:59 PM	10 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO ppm @3% O2	11/1/2018 12:00 AM	6:59 AM	7 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	11/11/2018 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	11/17/2018 12:00 PM	12:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
CO ppm @3% O2	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
CO ppm @3% O2	11/23/2018 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/1/2018 1:00 PM	3:59 PM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/3/2018 12:00 AM	12:59 AM	1 hour	Boiler shutdown.	Boiler work completed, and back online.
CO ppm @3% O2	12/5/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/10/2018 2:00 AM	2:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/10/2018 4:00 AM	6:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/15/2018 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/16/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
CO ppm @3% O2	12/18/2018 11:00 AM	11:59 AM	1 hour	CEM out of service for	Maintenance completed, CEM
CO ppm @3% O2	12/24/2018 1:00 AM	2:59 AM	2 hours	CEM out of service for maintenance. Communication failure, false readings.	back in service. Rebooted Cedar's computer, communications back.
Т	otal duration		71 hours		

Colmac Energy CO lb/hr CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
CO lb/hr	10/5/2018 12:00 PM	12:59 PM	1 hour	CEM OUT OF SERVICE FOR MAINTENANCE	MAINTENACE COMPLETE, CEM BACK IN SERVICE
CO lb/hr	10/6/2018 12:00 PM	12:59 PM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO lb/hr	10/31/2018 2:00 PM	11:59 PM	10 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO lb/hr	11/1/2018 12:00 AM	6:59 AM	7 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	11/17/2018 12:00 PM	12:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
CO lb/hr	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
CO lb/hr	12/3/2018 12:00 AM	12:59 AM	1 hour	Boiler shutdown.	Boiler work completed, and back online.
CO lb/hr	12/5/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/10/2018 2:00 AM	2:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/10/2018 4:00 AM	6:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/15/2018 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/16/2018 12:00 AM	11:59 AM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/18/2018 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/24/2018 1:00 AM	1:59 AM	1 hour	Communication failure, false readings.	Rebooted Cedar's computer, communications back.

Total duration

55 hours

EMISSIONS DOWNTIME REPORT BOILER #2 CEMS

Colmac Energy NOx ppm @3% O2 CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
NOx ppm @3% O2	10/6/2018 1:00 PM	1:59 PM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx ppm @3% O2	10/7/2018 1:00 AM	1:59 AM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx ppm @3% O2	10/7/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx ppm @3% O2	10/14/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx ppm @3% O2	10/14/2018 5:00 PM	11:59 PM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx ppm @3% O2	10/15/2018 12:00 AM	6:59 AM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx ppm @3% O2	10/27/2018 1:00 PM	6:59 PM	6 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx ppm @3% O2	11/1/2018 10:00 PM	10:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	11/3/2018 11:00 AM	6:59 PM	8 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
NOx ppm @3% O2	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
NOx ppm @3% O2	12/2/2018 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/4/2018 6:00 AM	8:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/7/2018 4:00 PM	6:59 PM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/8/2018 3:00 AM	6:59 AM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/8/2018 6:00 PM	11:59 PM	6 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/9/2018 12:00 AM	3:59 AM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/9/2018 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
NOx ppm @3% O2	12/13/2018 4:00 PM	10:59 PM	7 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/14/2018 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	12/24/2018 2:00 AM	2:59 AM	1 hour	Communication failure, false readings.	Rebooted Cedar's computer, communications back.
To	otal duration		70 hours		

Colmac Energy NOx lb/mmBtu CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
NOx lb/mmBtu	10/6/2018 1:00 PM	1:59 PM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/mmBtu	10/7/2018 1:00 AM	1:59 AM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/mmBtu	10/7/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/mmBtu	10/14/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/mmBtu	10/14/2018 5:00 PM	11:59 PM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/mmBtu	10/15/2018 12:00 AM	6:59 AM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/mmBtu	10/27/2018 1:00 PM	6:59 PM	6 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/mmBtu	11/1/2018 10:00 PM	10:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	11/3/2018 11:00 AM	6:59 PM	8 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
NOx lb/mmBtu	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
NOx lb/mmBtu	12/2/2018 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/4/2018 6:00 AM	8:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/7/2018 4:00 PM	6:59 PM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/8/2018 3:00 AM	6:59 AM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/8/2018 6:00 PM	11:59 PM	6 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/9/2018 12:00 AM	3:59 AM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/9/2018 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
NOx lb/mmBtu	12/13/2018 4:00 PM	10:59 PM	7 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/14/2018 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	12/24/2018 2:00 AM	2:59 AM	1 hour	Communication failure, false readings.	Rebooted Cedar's computer, communications back.
	Total duration		70 hours		

Colmac Energy NOx lb/hr CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
NOx lb/hr	10/7/2018 1:00 AM	1:59 AM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/hr	10/7/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/hr	10/14/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/hr	10/14/2018 5:00 PM	11:59 PM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/hr	10/15/2018 12:00 AM	6:59 AM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
NOx lb/hr	11/3/2018 11:00 AM	3:59 PM	5 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
NOx lb/hr	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
NOx lb/hr	12/2/2018 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	12/4/2018 6:00 AM	8:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	12/4/2018 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	12/9/2018 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	12/14/2018 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	12/18/2018 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	12/24/2018 2:00 AM	2:59 AM	1 hour	Communication failure, false readings.	Rebooted Cedar's computer, communications back.

Total duration

37 hours

Colmac Energy SO2 ppm @3% O2 CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
SO2 ppm @3% O2	10/6/2018 1:00 PM	1:59 PM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 ppm @3% O2	10/7/2018 1:00 AM	1:59 AM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 ppm @3% O2	10/7/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 ppm @3% O2	10/14/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 ppm @3% O2	10/14/2018 5:00 PM	11:59 PM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 ppm @3% O2	10/15/2018 12:00 AM	6:59 AM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 ppm @3% O2	10/27/2018 1:00 PM	6:59 PM	6 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 ppm @3% O2	11/1/2018 10:00 PM	10:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	11/3/2018 11:00 AM	6:59 PM	8 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
SO2 ppm @3% O2	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
SO2 ppm @3% O2	12/2/2018 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	12/4/2018 6:00 AM	8:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	12/7/2018 4:00 PM	6:59 PM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	12/8/2018 3:00 AM	6:59 AM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	12/8/2018 6:00 PM	11:59 PM	6 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	12/9/2018 12:00 AM	3:59 AM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	12/9/2018 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
SO2 ppm @3% O2	12/13/2018 4:00 PM	10:59 PM	7 hours	CEM out of service for maintenance.	Maintenance completed, CEM
SO2 ppm @3% O2	12/14/2018 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	back in service. Maintenance completed, CEM back in service.
To	otal duration		69 hours		

Colmac Energy SO2 lb/mmBtu CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
SO2 lb/mmBtu	10/6/2018 1:00 PM	1:59 PM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/mmBtu	10/7/2018 1:00 AM	1:59 AM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/mmBtu	10/7/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/mmBtu	10/14/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/mmBtu	10/14/2018 5:00 PM	11:59 PM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/mmBtu	10/15/2018 12:00 AM	6:59 AM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/mmBtu	10/27/2018 1:00 PM	6:59 PM	6 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/mmBtu	11/1/2018 10:00 PM	10:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	11/3/2018 11:00 AM	6:59 PM	8 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
SO2 lb/mmBtu	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
SO2 lb/mmBtu	12/2/2018 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/4/2018 6:00 AM	8:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/7/2018 4:00 PM	6:59 PM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/8/2018 3:00 AM	6:59 AM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/8/2018 6:00 PM	11:59 PM	6 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/9/2018 12:00 AM	3:59 AM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/9/2018 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
SO2 lb/mmBtu	12/13/2018 4:00 PM	10:59 PM	7 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	12/14/2018 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
	Total duration		69 hours		

Colmac Energy SO2 lb/hr CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
SO2 lb/hr	10/7/2018 1:00 AM	1:59 AM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/hr	10/7/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/hr	10/14/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/hr	10/14/2018 5:00 PM	11:59 PM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/hr	10/15/2018 12:00 AM	6:59 AM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
SO2 lb/hr	11/3/2018 11:00 AM	3:59 PM	5 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
SO2 lb/hr	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
SO2 lb/hr	12/4/2018 6:00 AM	8:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	12/4/2018 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	12/9/2018 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	12/14/2018 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	12/18/2018 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.

Total duration

34 hours

Colmac Energy
CO ppm @3% O2 CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
CO ppm @3% O2	10/6/2018 1:00 PM	1:59 PM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO ppm @3% O2	10/7/2018 1:00 AM	1:59 AM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO ppm @3% O2	10/7/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO ppm @3% O2	10/14/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO ppm @3% O2	10/14/2018 5:00 PM	11:59 PM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO ppm @3% O2	10/15/2018 12:00 AM	6:59 AM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO ppm @3% O2	10/16/2018 11:00 AM	11:59 AM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO ppm @3% O2	10/27/2018 1:00 PM	6:59 PM	6 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO ppm @3% O2	11/1/2018 10:00 PM	10:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	11/3/2018 11:00 AM	6:59 PM	8 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	11/3/2018 8:00 PM	8:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
CO ppm @3% O2	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
CO ppm @3% O2	11/30/2018 4:00 PM	7:59 PM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/1/2018 1:00 PM	4:59 PM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/2/2018 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/4/2018 6:00 AM	8:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/7/2018 4:00 PM	6:59 PM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
CO ppm @3% O2	12/7/2018 10:00 PM	10:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/8/2018 3:00 AM	6:59 AM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/8/2018 3:00 PM	3:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/8/2018 5:00 PM	11:59 PM	7 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/9/2018 12:00 AM	1:59 PM	14 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/13/2018 4:00 PM	10:59 PM	7 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/14/2018 12:00 AM	1:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	12/14/2018 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
T	otal duration		93 hours		

Colmac Energy
CO lb/hr CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
CO lb/hr	10/6/2018 1:00 PM	1:59 PM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO lb/hr	10/7/2018 1:00 AM	1:59 AM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO lb/hr	10/7/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO lb/hr	10/14/2018 1:00 PM	2:59 PM	2 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO lb/hr	10/14/2018 5:00 PM	11:59 PM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO lb/hr	10/15/2018 12:00 AM	6:59 AM	7 hours	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO lb/hr	10/16/2018 11:00 AM	11:59 AM	1 hour	Cem Out Of Service for Maintenance	Maintenance complete, CEM back in service
CO lb/hr	11/3/2018 11:00 AM	3:59 PM	5 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	11/3/2018 8:00 PM	8:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	11/21/2018 8:00 AM	8:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
CO lb/hr	11/21/2018 10:00 AM	10:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM placed back in service.
CO lb/hr	11/30/2018 4:00 PM	7:59 PM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/1/2018 1:00 PM	4:59 PM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/4/2018 6:00 AM	8:59 AM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/4/2018 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/7/2018 10:00 PM	10:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/8/2018 3:00 PM	3:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/8/2018 5:00 PM	7:59 PM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
CO lb/hr	12/9/2018 4:00 AM	1:59 PM	10 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/14/2018 12:00 AM	1:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/14/2018 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	12/18/2018 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
	Total duration		61 hours		

EMISSIONS DOWNTIME REPORT STACK CEMS

Boilers Stack CEMS Downtime

Colmac Energy Opacity % 6-Min Avg CEMS Downtime for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Reason	Action
Opacity % 6-Min Avg	10/1/2018 7:06 AM	7:17 AM	12 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/1/2018 9:00 AM	10:05 AM	1 hour, 6 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/1/2018 11:00 AM	11:29 AM	30 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/1/2018 11:42 AM	11:59 PM	12 hours, 18 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/2/2018 12:00 AM	10:59 AM	11 hours	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/2/2018 10:00 PM	11:59 PM	2 hours	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/3/2018 12:00 AM	6:53 AM	6 hours, 54 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/3/2018 9:00 AM	10:59 AM	2 hours	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/3/2018 11:12 AM	11:29 AM	18 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/3/2018 10:00 PM	11:59 PM	2 hours	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/4/2018 12:00 AM	9:11 AM	9 hours, 12 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/4/2018 11:12 AM	10:11 PM	11 hours	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/5/2018 9:00 AM	9:47 AM	48 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/5/2018 11:12 AM	3:41 PM	4 hours, 30 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/5/2018 10:00 PM	10:11 PM	12 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/10/2018 9:42 AM	10:29 AM	48 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/10/2018 10:36 AM	10:59 AM	24 minutes	Calibrating stack opacity monitor.	
Opacity % 6-Min Avg	10/10/2018 11:12 AM	1:11 PM	2 hours	Calibrating stack opacity monitor.	

Parameter	Start	End	Duration	Reason	Action
Opacity % 6-Min Avg	10/10/2018 2:18 PM	2:23 PM	6 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/10/2018 3:30 PM	3:41 PM	12 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/11/2018 7:54 AM	8:05 AM	12 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	10/11/2018 11:12 AM	9:17 PM	10 hours, 6 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	12/14/2018 2:30 PM	3:47 PM	1 hour, 18 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	12/17/2018 8:06 AM	8:17 AM	12 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	12/24/2018 12:30 AM	12:35 AM	6 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	12/24/2018 12:42 AM	12:47 AM	6 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	12/24/2018 1:06 AM	1:17 AM	12 minutes	Calibrating stack opacity monitor.	
Opacity % 6-Min Avg	12/24/2018 1:54 AM	2:05 AM	12 minutes	Calibrating stack opacity monitor.	
Opacity % 6-Min Avg	12/24/2018 2:30 AM	2:35 AM	6 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	12/24/2018 3:54 AM	3:59 AM	6 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	12/24/2018 4:30 AM	4:35 AM	6 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	12/24/2018 4:42 AM	5:11 AM	30 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	12/24/2018 5:18 AM	5:23 AM	6 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	12/24/2018 5:30 AM	5:35 AM	6 minutes	Calibrating stack opacity monitor.	
Opacity % 6-Min Avg	12/24/2018 6:24 AM	6:35 AM	12 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	12/24/2018 7:18 AM	7:29 AM	12 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	12/26/2018 11:30 AM	11:53 AM	24 minutes	Calibrating stack opacity monitor.	Calibration complete, monitor back in service.
Opacity % 6-Min Avg	12/31/2018 7:12 AM	7:17 AM	6 minutes	Not specified	Duck in Sel Vice.

EXCESS EMISSIONS REPORTS BOILER #1 CEMS

Colmac Energy
NOx ppm @3% O2 3-Hr Rolling Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
						max		11000011	7.00011

Colmac Energy
NOx lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

Colmac Energy
NOx lb/hr 3-Hr Rolling Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
NOx lb/hr 3-Hr Rolling	12/13/2018 12:00 PM	12:59 PM	1 hour	31.0	31.0	31.0	30	Cal gas still in line	Cal completed line cleared

Total duration

1 hour

Colmac Energy
NOx lbs/day Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit R	teason	Action	

Colmac Energy

SO2 ppm @3% O2 3-Hr Rolling Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

Colmac Energy SO2 ppm @3% O2 30 SOD Rlg Avg Excess Emissions for 10/1/2018 thru 12/31/2018

				~				~	
Parameter	Start	End	Duration	Value	A Aim	8.4->-	1 ::4	D	۸ ،
i didilictei	Start	⊨na	Duration	Value	Min	Max	Limit	Reason	Action
	· · · · · · · · · · · · · · · · · · ·								

Colmac Energy SO2 lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

Colmac Energy SO2 lb/hr 3-Hr Rolling Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
SO2 lb/hr 3-Hr Rolling	12/9/2018 9:00 AM	9:59 AM	1 hour	12.0	12.0	12.0	12	Combustion of fuel with Sulfur impurities.	Raised O2, reduced fuel, and fed more limestone.
Total	duration		1 hour		· · · · · · · · · · · · · · · · · · ·		-		

Colmac Energy
CO ppm @3% O2 3-Hr Rolling Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

Colmac Energy
CO lb/hr 3-Hr Rolling Excess Emissions for 10/1/2018 thru 12/31/2018

Darameter	Stort	E54	Duration	1/01	R Alian	14-11	1 : :4	D	A = 4!
Parameter	Start	⊨nd	Duration	Value	IVIII	Max	Limit	Reason	Action

EXCESS EMISSIONS REPORTS BOILER #2 CEMS

Colmac Energy
NOx ppm @3% O2 3-Hr Rolling Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action	

Colmac Energy
NOx Ib/mmbtu 30 SOD Rlg Avg Excess Emissions for 10/1/2018 thru 12/31/2018

Darameter	Stort	⊏ ~~	Duration	1/-1	N Air	84	1 1	D	A . 4* .
Parameter	Start	⊏HQ:	Duration	Value	Min	Max	Limit	Reason	Action
									, 1011011

Colmac Energy
NOx lb/hr 3-Hr Rolling Excess Emissions for 10/1/2018 thru 12/31/2018

•									
Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

Colmac Energy
NOx lbs/day Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter Start End Duration Value Min Max Limit Reason Action								 		
Talamotor State	Parameter	Start	End	Duration	Value	Min	Max		Action	

Colmac Energy SO2 ppm @3% O2 3-Hr Rolling Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

Colmac Energy SO2 ppm @3% O2 30 SOD Rlg Avg Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

Colmac Energy SO2 lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action	

Colmac Energy SO2 lb/hr 3-Hr Rolling Excess Emissions for 10/1/2018 thru 12/31/2018

_											
F	Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action	

Colmac Energy
CO ppm @3% O2 3-Hr Rolling Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action	

Colmac Energy CO lb/hr 3-Hr Rolling Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
CO lb/hr 3-Hr Rolling	12/4/2018 12:00 AM	5:59 AM	6 hours	14.0	13.0	14.0	13	Cal gas regulator failed.	Cal gas regulator replaced, and back in service.
Total	duration		6 hours				-		

EXCESS EMISSIONS REPORTS STACK CEMS

Boilers Stack Excess Emissions

Colmac Energy
Opacity % 3-Min Avg Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter Start	End	Duration	Value	Min	Max	Limit	Reason	Action	

Boilers Stack Excess Emissions

Colmac Energy
Opacity % 6-Min Avg Excess Emissions for 10/1/2018 thru 12/31/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action



South Coast Air Quality Management District Form 500-N

Title V - Deviations, Emergencies & Breakdowns

This written report is <u>in addition to requirements</u> to verbally report certain types of incidents. Verbal reports may be made by calling AQMD at 1-800-288-7664 (1-800-CUT-SMOG) or AQMD enforcement personnel.

Mail To: SCAQMD P.O. Box 4941 Diamond Bar, CA 91765-0941

> Tel: (909) 396-3385 www.aqmd.gov

TOTAL MERCANIC	MACCHE CALCO										
Section	on I - Operator In	nformati	on								
1. Faci	lity Name (Business N	lame of Op	erator That Appears O	In Permit):		2			Availab	le On Permit Or Invoice Issued By	
De	sert View Powe	er					AQMD)): 		100154	
		22 000	10.0	_							
3. Addi	ress: re incident occurred)	62-300	Gene Welmas	3 Dr.	S	Street Address					
/11110	•	Mecca			•	MCC(Address		(CΑ	92254	
	-	MCCCA		(City				ate	Zip	
∆ Maili	ing Address:	Same	As Above		•					•	
	ferent from Item 3)				S	ireet Address					
5 Prov	ride the name, title, an	nd ahone	number of the nersor		Dity further informatic	on.		St	ate	Zip	
J. 110V	toe the hame, title, all	ia priorie i	number of the person	to contact for i	under mitoritisch	oii.					
	Lo	ouie Lo	pez		Shift S	Supervisor	_		(760) 262-1645	
		Name			Ţ	itle				Phone #	
Section	n II - Reporting	of Brea	kdowns, Deviatio	ns, and Eme	rgencies						
1. This	written notification is	s to report	: a(n):								
Тур	e of Incident			Verbai Re	eport Due*			Written Report I)ue		
a. [Ernergency under F	Rule 3002((g)	Within 1	hour of discovery	y		Within 2 working days from when the emission limit was exceeded.			
b. [Breakdown under:			For Rule	es 430 & 2004 - W	Within 1 hour of		For Rules 430 & 2004 - Within 7 calendar days after breakdown is corrected, but no later than 30 days from			
	Rule 430 (Non Rule 2004 (RE		A)	discover		WANT THOU OF		start of the breakdown, unless a written extension is granted.			
	Rule 218 (Non-		A)		e 218 – Within 24 failure/shutdown e			_	Vith req	uired semi-annual reports.	
с. [Deviation with exce [See Title V Permit,		ons K, Condition No. 22B]	shorter i	'2 hours of discove reporting period if ale State or Federa	required by an		Within 14 days of discovery of the deviation.			
d. [Other Deviation [See Title V Permit,	t, Section K	C, Condition Nos. 22D 8	None & 23]				With required se	emi-ann	ual monitoring reports.	
2. Thei	incident was first disc	covered b	y: Louie Lopez	Nama			on	11/13/2018		01:00 C AM	
				Name				Date		Time	
3. The	incident was first repo	orted by:	Operator #12	lame of AOMD S	laff Person		on	11/13/2018 Date		01:27 CAM	
a. @	Via Phone		.,	diff of Herib	idir i Cison			Date		11211C (# 1 141	
ь. С	n Person					Notification I	Number (1	Required): 537	975	-	
4. Whe	n did the incident actu	ually occu	ur? 11/13/2 Dat		01:00 Time	_ (^ AM (● PM					
	Received By:			Assigned	By:			Inspecto	or:		
	Date/Time Received:			Date/Time	e Assigned:			Date/Tin	ne Rece	ived Assignment:	
AQMD	Date Delivered To Tea	:am:		Date Revi	iewed Inspector R	leport:		Date Ins	pected	Facility:	
USE	Team:		Sector:	Breakdow	n/Deviation Notific	cation No.		Date Co	mpleted	Report:	
	Recommended Action	п; С	Cancel Notification	Grant Relief	Issue NOV No),		Other			
	Final Action:	(Cancel Notification	Grant Relief	Issue NOV No)		Other.			

Colmac Energy Mecca, CA Boiler 1 Daily Emissions Report November 13, 2018

Emission Limits

Daily NOx lbs- 648

30-Day Rolling NOx lb/mmBtu - 0.3 SO2 lb/mmBtu - 1.2

Hour	O2%	NOx ppm	NOx ppm @3% O2	NOx lb/mmBtu	NOx lbs	SO2 ppm	SO2 ppm @3% O2	SO2 lb/mmBtu	SO2 lbs	CO ppm	CO ppm @3% O2	CO lb/mmBtu	CO lbs	Process Status
00	9.6	41.2	65.3	0.091	26.84	9.7	15.4	0.030	8.81	10.0	15.8	0.013	3.97	Normal
01	9.6	41.9	66.4	0.093	27.53	9.5	15.0	0.029	8.65	10.0	15.8	0.013	3.99	Normal
02	9.8	38.0	61.3	0.086	24.70	10.3	16.6	0.032	9.34	10.0	16.1	0.014	3.95	Normal
03	9.8	39.1	63.1	0.088	25.48	7.9	12.7	0.025	7.12	10.0	16.1	0.014	3.98	Normal
04	9.9	40.2	65.4	0.091	26.20	9.5	15.5	0.030	8.60	10.0	16.3	0.014	3.97	Normal
05	9.9	38.6	62.8	0.088	25.05	11.6	18.9	0.037	10.44	10.0	16.3	0.014	3.95	Normal
06	10.2	39.6	66.2	0.092	25.33	10.6	17.7	0.034	9.48	10.0	16.7	0.014	3.90	Normal
07	10.1	42.7	70.8	0.099	27.69	5.8	9.6	0.019	5.20	10.0	16.6	0.014	3.94	Normal
08	10.0	40.1	65 .9	0.092	25.58	8.9	14.6	0.028	7.88	10.0	16.4	0.014	3.88	Normal
09	10.5	39.8	68.5	0.096	24.99	10.9	18.8	0.036	9.55	10.0	17.2	0.015	3.82	Normal
10	10.2	42.0	70.3	0.098	26.87	10.1	16.9	0.033	8.99	10.0	16.7	0.014	3.89	Normal
11	9.8	52.6	84.8	0.118	38.08	8.1	13.1	0.025	8.17	10.0	16.1	0.014	4.33	Normal
12	10.1	40.6	67.3	0.094	26.61	7.0	11.6	0.023	6.38	10.0	16.6	0.014	3.99	Normal
13	Inval	Inval	Inval	Inval	Inval	inval	Inval	Inval	Inval	Inval	inval	Inval	Inval	Normal
14	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	inval	Inval	Normal
15	Inval	Inval	inval	Inval	Inval	inval	Inval	Inval	inval	Inval	Inval	inval	Inval	Normal
16	Inval	inval	Inval	Inval	Inval	Inval	Inval	inval	Inval	Inval	Inval	Inval	Inval	Normal
17	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	inval	Inval	Normal
18	Inval	Inval	invai	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	inval	Inval	Normal
19	Inval	Inval	Inval	Inval	Inval	Inval	Inval	inval	inval	Inval	Inval	Inval	inval	Normal
20	Inval	invai	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	inval	inval	Inval	Normal
21	Inval	Inval	inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Invai	Inval	Inval	Normal
22	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	invai	Inval	Inval	Inval	Normal
23	Inval	inval	Inval	Inval	inval	inval	Inval	Inval	Inval	Inval	Inval	inval	Inval	Normal
Average	10.0	41.3	67.5	0.094		9.2	15.1	0.029		10.0	16.4	0.014		
Total 30-Day Ring				0.087	350.95			0.027	108.61				51.6	
365-Day Ring								**	51985					

South Goass

South Coast Air Quality Management District

Form 500-N

Title V - Deviations, Emergencies & Breakdowns

*This written report is in addition to requirements to verbally report certain types of incidents. Verbal reports may be made by calling AQMD at 1-800-288-7664 (1-800-CUT-SMOG) or AQMD enforcement personnel.

Mail To: SCAQMD P.O. Box 4941 Diamond Bar, CA 91765-0941

> Tel: (909) 396-3385 www.aqmd.gov

Section I - Operator Information		The second section of the second second second second second section is a second secon
1. Facility Name (Business Name of Operator That Appears On Per	,	QMD Facility ID (Available On Permit Or Invoice Issued By
Desert View Power	AQMD)	100154
00.000.0		
3. Address: 62-300 Gene Welmas Dr	Street Address	
Mecca	Oliect Address	CA 92254-0758
IVIECCA	City	State Zip
4. Mailing Address: Same as above	·	
(if different from Item 3)	Street Address	
5. Provide the name, title, and phone number of the person to c	City	State Zip
3. Floride the name, title, and phone number of the person to c	ontact for farmer information.	
Kevin Lawrence	Operations Manager	(760) 262-1644
Name	Title	Phone #
Section II - Reporting of Breakdowns, Deviations,	and Emergencies	海中中の大田町の住山町 をは砂路 教治をある。 東京大田町の住山町 とは砂路 教治をある。 東京大田町 の
1. This written notification is to report a(n):	**************************************	Millian Danat Diva
Type of Incident	Verbal Report Due*	Written Report Due
a. Emergency under Rule 3002(g)	Within 1 hour of discovery	Within 2 working days from when the emission limit was exceeded.
b. 🗶 Breakdown under:	Agricultural Agricultura Agricultural Agricultura Agricultura Agricult	For Rules 430 & 2004 - Within 7 calendar days after
Rule 430 (Non-RECLAIM)	For Rules 430 & 2004 - Within 1 hour of discovery.	breakdown is corrected, but no later than 30 days from start of the breakdown, unless a written extension is
Rule 2004 (RECLAIM)	For Rule 218 – Within 24 hours or next business	granted.
☐ Rule 218 (Non-RECLAIM) [See Rule 218(f)(3)]	day for failure/shutdown exceeding 24 hours	For Rule 218 - With required semi-annual reports.
c. ☐ Deviation with excess emissions [See Title V Permit, Section K, Condition No. 22B]	Within 72 hours of discovery of the deviation or shorter reporting period if required by an applicable State or Federal Regulation.	Within 14 days of discovery of the deviation.
d. Other Deviation [See Title V Permit, Section K, Condition Nos. 22D & 23]	None	With required semi-annual monitoring reports.
[acc riac v r clinic, account, container rice, 225 & 25]	3	
2. The incident was first discovered by: _Joe Pedroza	on	12/04/2018 01:00 • AM
	Name	Date Time C PM
3. The incident was first reported by: Operator #7	of AQMD Staff Person	12/04/2018 01:12 • AM Date Time • PM
a. Via Phone	OF ACTIVID STAFF FEISON	Date Time (, Time
b. C In Person	Notification Number	(Required): 540164
12/04/201		
4. When did the incident actually occur?	Time PM	
Received By:	Assigned By:	Inspector:
Date/Time Received:	Date/Time Assigned:	Date/Time Received Assignment:
AQMD Date Delivered To Team:	Date Reviewed Inspector Report:	Date Inspected Facility:
USE ONLY Team: Sector:	Breakdown/Deviation Notification No.	Date Completed Report:
Recommended Action: Cancel Notification Gra	ant Relief Issue NOV No	Other:
Final Action: Cancel Notification Gr	ant Relief Issue NOV No	Other:

Colmac Energy
CO lb/hr 3-Hr Rolling Excess Emissions for 12/4/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
CO lb/hr 3-Hr Rolling	12/4/2018 12:00 AM	5:59 AM	6 hours	14.0	13.0	14.0	13	Not specified	
Total	duration		6 hours						



South Coast Air Quality Management District

Form 500-N

Title V - Deviations, Emergencies & Breakdowns

'This written report is in addition to requirements to verbally report certain types of incidents. Verbal reports may be made by calling AQMD at 1-800-288-7664 (1-800-CUT-SMOG) or AQMD enforcement personnel.

Mail To: SCAQMD P.O. Box 4941 Diamond Bar, CA 91765-0941

> Tel: (909) 396-3385 you pune www

Section I - Operator	Information									
1. Facility Name (Business	Name of Operator That Appears On	Permit):	Valid AQMD Facility ID (Available On Permit Or Invoice Issued AQMD):							
Desert View Pov	wer		AQIVID)	·	100154					
	CO 200 Cana Malman	Deticio								
Address: (where incident occurred)	62-300 Gene Welmas		Address							
(micro maidon occarios)	, Mecca	ou cor	71001000	CA	92254-0758					
	mood	City	· · · · · · · · · · · · · · · · · · ·	State	Zip					
4. Mailing Address:	Same as Above									
(if different from Item 3)		Street	Address							
	Way to the second secon									
5. Provide the name, title,	and phone number of the person to	City o contact for further information:		State	Zip					
Ke	evin Lawrence Name	Operations Title	Manager	(760	9) 262-1644 Phone #					
Section II - Deportin		THE COURSE WAS A SECOND OF THE			FROME#					
This written notification	g of Breakdowns, Deviation	s, and ciliergencies	A La Company (S.)							
Type of Incident	ris to report a(ii).	Verbal Report Due*		Written Report Due	:					
a. Emergency unde	er Rule 3002(g)	Within 1 hour of discovery		Within 2 working days	from when the emission limit was					
<u> </u>				exceeded.						
b. Breakdown unde		For Rules 430 & 2004 - Within	1 hour of		- Within 7 calendar days after d, but no later than 30 days from					
☐ Rule 430 (N ☐ Rule 2004 (•	discovery.		start of the breakdown granted.	rt of the breakdown, unless a written extension is nted.					
	lon-RECLAIM)	For Rule 218 – Within 24 hours day for failure/shutdown excee		-	quired semi-annual reports.					
C. 🔀 Deviation with ex		Within 72 hours of discovery of shorter reporting period if requi applicable State or Federal Re	ired by an	Within 14 days of discovery of the deviation.						
d. Other Deviation [See Title V Perr	nit, Section K, Condition Nos. 22D & 2	None 23]		With required semi-annual monitoring reports.						
2 The incident was first d	iscovered by: _Joe Pedroza		on	12/09/2018	10:00					
2. Monorable Mac mor a		Name		Date	Time C PM					
3. The incident was first re	eported by: Operator #7		on	12/09/2018	10:11					
a. 💿 Via Phone	Nar	ne of AQMD Staff Person		Date	Time C PM					
b. C In Person		Not	ification Number (Required): 540826						
4. When did the incident a	nctually occur? 12/09/20									
There are the moragine	Date		C PM							
Received By:		Assigned By:		Inspector:						
Date/Time Receive	d:	Date/Time Assigned:		Date/Time Received Assignment:						
AQMD Date Delivered To	Team:	Date Reviewed Inspector Report	:	Date Inspected Facility:						
USE Team:	Sector:	Breakdown/Deviation Notification	n No.		Date Completed Report:					
Recommended Act	tion: Cancel Notification (Grant Relief Issue NOV No.		Other:						
Final Action:		Grant Relief Issue NOV No.		Other:						

Colmac Energy SO2 lb/hr 3-Hr Rolling Excess Emissions for 12/9/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
SO2 lb/hr 3-Hr Rolling	12/9/2018 9:00 AM	9:59 AM	1 hour	12.0	12.0	12.0	12	Not specified	
Total		1 hour		· · · · · · · · · · · · · · · · · · ·					



November 13, 2018 DVP-180021

Mr. David Jones Air Pollution Control Officer South Coast Air Quality Management District 21865 East Copley Drive Diamond Bar, California 91765-4182

Subject:

Monthly Report of Excess Emissions for October 2018

SCAQMD FILE # 100154

Dear Mr. Jones:

Excess emissions summaries for each boiler for September 2018 are attached.

Emission concentration limits (ppm) do not apply during the normal start up and shut down conditions for each boiler. Thus, exceedences within the permit limits during start up and shut down, as defined in the amendment, are not applicable and as such not reportable.

Please call if you have any questions or comments. I can be reached at (760) 262-1653.

Sincerely,

James Russell Huffman

Vice President of CA operations / Plant Manager

Page 2

encl

cc:

Chief, Stationary Source Division

California Air Resources Board

P.O. Box 2815

Sacramento, CA 95814

Director, Air Management Division

Attention: Air-5

U.S. Environmental Protection Agency

75 Hawthorne Street

San Francisco, CA 94105-3901

BOILER #1 October 2018

Hours Operated: 708.000 hrs

	Quarterly	Excess		Reading at 3% O2				Hours Operated: 708.000 hrs		
Boiler	Report	Emission			Duration	Average				
Number	Code	number	Date	Limit Exceeded	(hrs)	Value	Maximum	Permit	4	
	1			Zinik Zixoccueu	(1113)	value	Value	Limit	Comments	
	 									
										
	1		CEMS							
						CEMS			CEMS	
	 		10/7/2018	Nox ppm@3%O2	2				CEM taken out of service for maintenance.	
	 		10/27/2018	Nox ppm@3%O2	7				CEM taken out of service for maintenance.	
			10/31/2018	Nox ppm@3%O2	10				CEM taken out of service for maintenance.	
	 		10/7/2018	Nox lb/mmbtu	2				CEM taken out of service for maintenance.	
			10/27/2018	Nox lb/mmbtu	7				CEM taken out of service for maintenance.	
	 		10/31/2018	Nox lb/mmbtu	10				CEM taken out of service for maintenance.	
	ļ		10/7/2018	Nox lb/hr	4				CEM taken out of service for maintenance.	
	ļI		10/7/2018	SO2 ppm@3%O2	2				CEM taken out of service for maintenance.	
			10/27/2018	SO2 ppm@3%O2	7				CEM taken out of service for maintenance.	
			10/31/2018	SO2 ppm@3%O2	10				CEM taken out of service for maintenance.	
			10/7/2018	SO2 lb/mmbtu	2				CEM taken out of service for maintenance.	
			10/27/2018	SO2 lb/mmbtu	7				CEM taken out of service for maintenance.	
			10/31/2018	SO2 lb/mmbtu	10				CEM taken out of service for maintenance.	
			10/7/2018	SO2 lb/hr	2				CEM taken out of service for maintenance.	
			10/5/2018	CO ppm@3%O2	1				CEM taken out of service for maintenance.	
			10/6/2018	CO ppm@3%O2	1				CEM taken out of service for maintenance.	
			10/7/2018	CO ppm@3%O2	2				CEM taken out of service for maintenance.	
			10/27/2018	CO ppm@3%O2	7				CEM taken out of service for maintenance.	
			10/31/2018	CO ppm@3%O2	10				CEM taken out of service for maintenance.	
			10/5/2018	CO lb/hr	1				CEM taken out of service for maintenance.	
			10/6/2018	CO lb/hr	- +				CEM taken out of service for maintenance.	
			10/31/2018	CO lb/hr	10				CEM taken out of service for maintenance.	
	<u> </u>		.0/01/2010	COIDAII	10				CEM taken out of service for maintenance.	

NOTE:

 The term ALL is used in the Limit Exceeded column to indicate the following: (Nox ppm, Nox lb/hr, Co ppm, Co lb/hr, So2 ppm, & So2 lb/hr)

BOILER #2 October 2018

		Excess				Re	Hours Operated: 743		
		Emission			Duration	Average	Maximum	Permit	-
Number	Code	number	Date	Limit Exceeded	(hrs)	Value	Value	Limit	Community
									Comments
					 -				
							-		
							 		
			CEMS			07110			
			10/6/2018	Nox ppm@3%O2		CEMS			CEMS
			10/7/2018		1				CEM taken out of service for maintenance.
			10/14/2018	Nox ppm@3%O2	3				CEM taken out of service for maintenance.
			10/15/2018	Nox ppm@3%O2	9				CEM taken out of service for maintenance.
				Nox ppm@3%O2	7				CEM taken out of service for maintenance.
			10/27/2018	Nox ppm@3%O2	6				CEM taken out of service for maintenance.
-			10/6/2018	Nox lb/mmbtu	1				CEM taken out of service for maintenance.
	 -∦		10/7/2018	Nox lb/mmbtu	3				CEM taken out of service for maintenance.
	 -		10/14/2018	Nox Ib/mmbtu	9				CEM taken out of service for maintenance.
			10/15/2018	Nox lb/mmbtu	7				CEM taken out of service for maintenance.
			10/27/2018	Nox lb/mmbtu	6				CEM taken out of service for maintenance.
			10/7/2018	Nox lb/hr	3			***	CEM taken out of service for maintenance.
			10/14/2018	Nox lb/hr	9				CEM taken out of service for maintenance.
			10/15/2018	Nox lb/hr	7				CEM taken out of service for maintenance.
J			10/6/2018	SO2 ppm@3%O2	1				CEM taken out of service for maintenance.
			10/7/2018	SO2 ppm@3%O2	3				CEM taken out of service for maintenance.
			10/14/2018	SO2 ppm@3%O2	9				CEM taken out of service for maintenance.
			10/15/2018	SO2 ppm@3%O2	7				CEM taken out of service for maintenance.
			10/27/2018	SO2 ppm@3%Q2	6				CEM taken out of service for maintenance.
			10/6/2018	SO2 lb/mmbtu	1				CEM taken out of service for maintenance.
			10/7/2018	SO2 lb/mmbtu	3				CEM taken out of service for maintenance
			10/14/2018	SO2 lb/mmbtu	9				CEM taken out of service for maintenance
			10/15/2018	SO2 lb/mmbtu	7				CEM taken out of service for maintenance
			10/27/2018	SO2 lb/mmbtu					CEM taken out of service for maintenance.
			10/7/2018		6				CEM taken out of service for maintenance.
			10/14/2018	SO2 lb/hr	3				CEM taken out of service for maintenance.
			10/15/2018	SO2 lb/hr SO2 lb/hr	9				CEM taken out of service for maintenance
	 -				7			1	CEM taken out of service for maintenance.
—			10/6/2018	CO ppm@3%O2	1				CEM taken out of service for maintenance.
			10/7/2018	CO ppm@3%O2	3				CEM taken out of service for maintenance.
			10/14/2018	CO ppm@3%O2	9				CEM taken out of service for maintenance.
			10/15/2018	CO ppm@3%O2	7				CEM taken out of service for maintenance.
			10/16/2018	CO ppm@3%O2	1				CEM taken out of service for maintenance.
—— <u> </u>			10/27/2018	CO ppm@3%O2	6		—— 		CEM taken out of service for maintenance.
L			10/6/2018	CO lb/hr	1				CEM taken out of service for maintenance.
_			10/7/2018	CO lb/hr	3				CEM taken out of service for maintenance.
_			10/14/2018	CO lb/hr	9				CEM taken out of service for maintenance.
_			10/15/2018	CO lb/hr	7				CEM taken out of service for maintenance.
			10/16/2018	CO lb/hr	1				DEM taken out of service for maintenance. DEM taken out of service for maintenance.

STACK October 2018

Quarterly Exc Boiler Report Emis			ess	1		Re	eading at 3%	02	Hours Operated: 744,000 h		
umber		Emission	I)	Limit	Duration	Average	Maximum	Permit	=		
umber	Code	number	Date	Exceeded	(hrs)	Value	Value	Limit	Comments		
			CEMS			CEMS			CENO		
			10/1/2018	Opacity%6-Min	14.10				CEMS CEM taken out of service for maintenance.		
			10/2/2018	Opacity%6-Min	13.20				CEM taken out of service for maintenance.		
			10/3/2018 10/4/2018	Opacity%6-Min	11.40				CEM taken out of service for maintenance		
			10/4/2018	Opacity%6-Min	20.40				CEM taken out of service for maintenance		
			10/10/2018	Opacity%6-Min Opacity%6-Min	5.3				CEM taken out of service for maintenance		
			10/11/2018	Opacity%6-Min	3.40 10.30				CEM taken out of service for maintenance		
			10/11/2010	Opacity 780-IVIII	10.30				CEM taken out of service for maintenance.		
								·			
		·									
_											
											
											
						+					
					—— <u>—</u>						
								+			
			N	OTE: 1.	The term	ALL is used	in the Limit	Evenedor	column to indicate the following:		



January 11, 2019 DVP-190001

Mr. David Jones Air Pollution Control Officer South Coast Air Quality Management District 21865 East Copley Drive Diamond Bar, California 91765-4182

Subject:

Monthly Report of Excess Emissions for December 2018

SCAQMD FILE # 100154

Dear Mr. Jones:

Excess emissions summaries for each boiler for December 2018 are attached.

Emission concentration limits (ppm) do not apply during the normal start up and shut down conditions for each boiler. Thus, exceedences within the permit limits during start up and shut down, as defined in the amendment, are not applicable and as such not reportable.

Please call if you have any questions or comments. I can be reached at (760) 262-1653.

Sincerely,

James Pussell Huffman

Vice President of CA operations / Plant Manager

Page 2

encl

cc:

Chief, Stationary Source Division

California Air Resources Board

P.O. Box 2815

Sacramento, CA 95814

Director, Air Management Division

Attention: Air-5

U.S. Environmental Protection Agency

75 Hawthorne Street

San Francisco, CA 94105-3901

BOILER #1 December 2018

Hours Operated: 695 hrs

									Hours Operated: 695 hrs
	Quarterly	Excess					eading at 3%		
Boiler	Report	Emission			Duration	Average		Permit	
Number	Code	number	Date	Limit Exceeded	(hrs)	Value	Value	Limit	Comments
			12/9/2018	SO2 lb/hr	1		31	30	Notification #540826
1			CEMS			CEMS			CEMS
1			12/1/2018	Nox ppm@3%	3				CEM taken out of service for maintenance.
1			12/5/2018	Nox ppm@3%	12				CEM taken out of service for maintenance.
1			12/10/2018	Nox ppm@3%	4				CEM taken out of service for maintenance.
1			12/15/2018	Nox ppm@3%	2				CEM taken out of service for maintenance.
1			12/16/2018	Nox ppm@3%	12				CEM taken out of service for maintenance.
1			12/18/2018	Nox ppm@3%	1				CEM taken out of service for maintenance.
1			12/24/2018	Nox ppm@3%	2				CEM taken out of service for maintenance.
1			12/28/2018	Nox ppm@3%	1				CEM taken out of service for maintenance.
11			12/1/2018	Nox lb/mmbtu	3				CEM taken out of service for maintenance.
1			12/5/2018	Nox lb/mmbtu	12				CEM taken out of service for maintenance.
1			12/10/2018	Nox lb/mmbtu	4				CEM taken out of service for maintenance.
1			12/15/2018	Nox lb/mmbtu	2				CEM taken out of service for maintenance.
1	i		12/16/2018	Nox lb/mmbtu	12				CEM taken out of service for maintenance.
1			12/18/2018	Nox lb/mmbtu	1				CEM taken out of service for maintenance.
1			12/24/2018	Nox lb/mmbtu	2				CEM taken out of service for maintenance.
1			12/28/2018	Nox lb/mmbtu	1				CEM taken out of service for maintenance.
1			12/1/2018	Nox Ib/hr	3				CEM taken out of service for maintenance.
1	1		12/5/2018	Nox lb/hr	12				CEM taken out of service for maintenance.
1			12/10/2018	Nox Ib/hr	4				CEM taken out of service for maintenance.
1	1 -		12/15/2018	Nox lb/hr	2	t			CEM taken out of service for maintenance.
1	1		12/16/2018	Nox lb/hr	12	———			CEM taken out of service for maintenance.
1	1		12/18/2018	Nox lb/hr	1	l			CEM taken out of service for maintenance.
1	₩		12/24/2018	Nox lb/hr	1	1			CEM taken out of service for maintenance.
1	├		12/28/2018	Nox lb/hr	1				CEM taken out of service for maintenance.
		ļ	12/1/2018		3	1			CEM taken out of service for maintenance.
1				SO2 ppm@3%	12	 			CEM taken out of service for maintenance.
1	 		12/5/2018	SO2 ppm@3%		 	-		CEM taken out of service for maintenance.
1	ļ		12/10/2018	SO2 ppm@3%	4				
1			12/15/2018	SO2 ppm@3%	2				CEM taken out of service for maintenance.
11	ļ		12/16/2018	SO2 ppm@3%	12		-		CEM taken out of service for maintenance.
1			12/18/2018	SO2 ppm@3%	11				CEM taken out of service for maintenance.
1	<u> </u>		12/24/2018	SO2 ppm@3%	2				CEM taken out of service for maintenance.
1			12/1/2018	SO2 lb/mmbtu	3				CEM taken out of service for maintenance.
1			12/5/2018	SO2 lb/mmbtu	12				CEM taken out of service for maintenance.
1			12/10/2018	SO2 lb/mmbtu	4				CEM taken out of service for maintenance.
1			12/15/2018	SO2 lb/mmbtu	2				CEM taken out of service for maintenance.
1			12/16/2018	SO2 lb/mmbtu	12				CEM taken out of service for maintenance.
1			12/18/2018	SO2 lb/mmbtu	1				CEM taken out of service for maintenance.
1			12/24/2018	SO2 lb/mmbtu	2				CEM taken out of service for maintenance.
1			12/5/2018	SO2 lb/hr	12				CEM taken out of service for maintenance.
1			12/10/2018	SO2 lb/hr	4	ļ			CEM taken out of service for maintenance.
1			12/15/2018	SO2 lb/hr	2				CEM taken out of service for maintenance.
1			12/16/2018	SO2 lb/hr	12				CEM taken out of service for maintenance.
1			12/18/2018	SO2 lb/hr	1				CEM taken out of service for maintenance.
1			12/24/2018	SO2 lb/hr	1				CEM taken out of service for maintenance.
1			12/1/2018	CO ppm @3% O2	3				CEM taken out of service for maintenance.
1			12/3/2018	CO ppm @3% O2	1				CEM taken out of service for maintenance.
1			12/5/2018	CO ppm @3% O2	12		<u> </u>		CEM taken out of service for maintenance.
1				CO ppm @3% O2	4				CEM taken out of service for maintenance.
1			12/15/2018		2	<u> </u>			CEM taken out of service for maintenance.
1			12/16/2018	CO ppm @3% O2	12				CEM taken out of service for maintenance.
1			12/18/2018		11				CEM taken out of service for maintenance.
1			12/24/2018	CO ppm @3% O2	2				CEM taken out of service for maintenance.
1			12/3/2018	CO lb/hr	1				CEM taken out of service for maintenance.
1			12/5/2018	CO lb/hr	12				CEM taken out of service for maintenance.
1			12/10/2018	CO lb/hr	4				CEM taken out of service for maintenance.
1			12/15/2018	CO lb/hr	2				CEM taken out of service for maintenance.
1			12/16/2018	CO lb/hr	12				CEM taken out of service for maintenance.
1			12/18/2018	CO lb/hr	1				CEM taken out of service for maintenance.
1	1		12/24/2018	CO lb/hr	1				CEM taken out of service for maintenance.

BOILER #2 December 2018

Hours Operated: 591 hrs Quarterly Excess Reading at 3% O2 Boiler Report Emission Duration Average Number Code number Limit Exceeded Date (hrs) Value Value Limit Comments 12/4/2018 CO lb/hr 14 14 Notification #540164 CEMS CEMS 12/2/2018 Nox ppm@3% CEM taken out of service for maintenance. 12/4/2018 Nox ppm@3% CEM taken out of service for maintenance 12/7/2018 Nox ppm@3% CEM taken out of service for maintenance 2 12/8/2018 Nox ppm@3% 10 CEM taken out of service for maintenance 2 12/9/2018 Nox ppm@3% CEM taken out of service for maintenance 12/13/2018 Nox ppm@3% CEM taken out of service for maintenance. 12/14/2018 Nox ppm@3% 2 CEM taken out of service for maintenance. 12/24/2018 Nox ppm@3% CEM taken out of service for maintenance. 12/2/2018 Nox lb/mmbtu CEM taken out of service for maintenance 12/4/2018 Nox Ib/mmbtu CEM taken out of service for maintenance 12/7/2018 Nox lb/mmbtu CEM taken out of service for maintenance 12/8/2018 Nox lb/mmbtu 10 CEM taken out of service for maintenance 12/9/2018 Nox lb/mmbtu 5 CEM taken out of service for maintenance. 2 12/13/2018 Nox ib/mmbtu CEM taken out of service for maintenance 2 12/14/2018 Nox lb/mmbtu CEM taken out of service for maintenance. 12/24/2018 Nox lb/mmbtu 1 CEM taken out of service for maintenance. 12/2/2018 Nox Ib/hr 2 CEM taken out of service for maintenance 12/4/2018 Nox lb/br 4 CEM taken out of service for maintenance. 2 12/9/2018 Nox lb/hr 1 CEM taken out of service for maintenance 2 12/14/2018 Nox lb/h CEM taken out of service for maintenance. 2 12/18/2018 Nox Ib/hr 1 CEM taken out of service for maintenance 2 12/24/2018 Nox lb/hr 1 CEM taken out of service for maintenance. 2 12/2/2018 SO2 ppm@3% 2 CEM taken out of service for maintenance. 2 12/4/2018 SO2 ppm@3% 3 CEM taken out of service for maintenance. 2 12/7/2018 SO2 ppm@3% CEM taken out of service for maintenance. 2 12/8/2018 SO2 ppm@3% 10 CEM taken out of service for maintenance. 2 12/9/2018 SO2 ppm@3% 5 CEM taken out of service for maintenance. 12/13/2018 SO2 ppm@3% CEM taken out of service for maintenance. 2 12/14/2018 SO2 ppm@3% 2 CEM taken out of service for maintenance. 2 12/2/2018 SO2 lb/mmbtu CEM taken out of service for maintenance. 2 12/4/2018 SO2 lb/mmbtu 3 CEM taken out of service for maintenance 2 12/7/2018 SO2 lb/mmbtu 3 CEM taken out of service for maintenance. 2 12/8/2018 SO2 lb/mmbtu 10 CEM taken out of service for maintenance. 2 12/9/2018 SO2 lb/mmbtu 5 CEM taken out of service for maintenance 12/13/2018 SO2 lb/mmbtu CEM taken out of service for maintenance. 2 12/14/2018 SO2 lb/mmbtu CEM taken out of service for maintenance. 12/4/2018 SO2 lb/hr 4 CEM taken out of service for maintenance 2 12/9/2018 SO2 lb/hr CEM taken out of service for maintenance 12/14/2018 SO2 lb/hr CEM taken out of service for maintenance. 12/18/2018 SO2 lb/hr 1 CEM taken out of service for maintenance. 12/1/2018 CO ppm @3% O2 4 CEM taken out of service for maintenance. 12/2/2018 CO ppm @3% O2 CEM taken out of service for maintenance. 12/4/2018 CO ppm @3% O2 3 CEM taken out of service for maintenance. 2 12/7/2018 CO ppm @3% O2 CEM taken out of service for maintenance. 12/8/2018 CO ppm @3% O2 13 CEM taken out of service for maintenance. 2 CO ppm @3% O2 12/9/2018 14 CEM taken out of service for maintenance. 12/13/2018 CO ppm @3% O2 2 CEM taken out of service for maintenance. 2 12/14/2018 CO ppm @3% O2 CEM taken out of service for maintenance. 12/1/2018 CO lb/h CEM taken out of service for maintenance. 12/4/2018 CO lb/h CEM taken out of service for maintenance. 12/7/2018 CO lb/h CEM taken out of service for maintenance. 12/8/2018 CO lb/hr 4 CEM taken out of service for maintenance. 12/9/1812/1 10 CO lb/hr CEM taken out of service for maintenance. 12/14/2018 CO lb/hr 4 CEM taken out of service for maintenance 2 12/18/2018 CO lb/hr CEM taken out of service for maintenance.

STACK December 2018

Boiler	Quarterly	Excess	xcess	1	T	R	eading at 3º	6 O2	Hours Operated: 744,000 h		
	Report	Excess Emission	H	Limit	Duration	Average	eading at 39 Maximum	1 Permit	-		
Number	Code	number	Date	Exceeded		Value	Value	Limit			
		1	- 540	EXCCCCC	(1113)	value	value	Limit	Comments		
			ļ			 					
		 						L			
			CEMS			CEMS			CEMS		
			12/14/2018		1.30				CEM taken out of service for maintenance		
			12/17/2018		0.20				CEM taken out of service for maintenance.		
			12/24/2018		2.00				CEM taken out of service for maintenance.		
			12/26/2018		0.40	T			CEM taken out of service for maintenance.		
			12/31/2018		0.10			 	CEM taken out of service for maintenance.		
					0.10	 		ļ	CEM taken out of service for maintenance.		
						 					
		——				<u> </u>	ļ				
			· · · · · · · · · · · · · · · · · · ·			<u> </u>					
						<u> </u>	L				
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NOTE:

1. The term ALL is used in the Limit Exceeded column to indicate the following:
(Nox ppm, Nox lb/hr, Co ppm, Co lb/hr, So2 ppm, & So2 lb/hr)



South Coast Air Quality Management District

Form 500-N

Title V - Deviations, Emergencies & Breakdowns*This written report is in <u>addition to</u> requirements to verbally report certain types of incidents. Verbal reports may be made by calling AQMD at 1-800-288-7664 (1-800-CUT-SMOG) or AQMD enforcement personnel.

Mail To: SCAQMD P.O. Box 4941 Diamond Bar, CA 91765-0941

Tel: (909) 396-3385 www.aqmd.gov

	lity Name (Business esert View Pow	Name of Operator That Appears On F /er	Permit): 2.	Valid AQMD Facil AQMD):	ity ID (Availa	able On Permit Or Inve 100154	oice Issued B	
3. Add		62-300 Gene Welmas D						
(whe	ere incident occurred)		Street Address					
		Mecca	Cit.		CA	92254-0758	3	
		Onne as Abassa	City		State	Zip		
	ing Address: ferent from Item 3)	Same as Above	Street Address					
5. Prov	ide the name, title, a	nd phone number of the person to	City contact for further information:	· · · · · · · · · · · · · · · · · · ·	State	Zip		
	Ke	vin Lawrence	Operations Manage	er	(76	0) 262-1644		
- P - S - 1		Name	Title			Phone #		
Section	n II - Reporting	of Breakdowns, Deviations	and Emergencies			李宝安 * * * * * * * * * * * * * * * * * * *		
	written notification i	s to report a(n):						
Тур	e of Incident		Verbal Report Due*	Written Re	port Due			
a. [Emergency under	Rule 3002(g)	Within 1 hour of discovery		Within 2 working days from when the emission limit was exceeded.			
b. [Breakdown under:		5 Duty- 420 0 0004 MSH 41			- Within 7 calendar d		
	Rule 430 (No	n-RECLAIM)	For Rules 430 & 2004 - Within 1 hour of discovery.		breakdown is corrected, but no later than 30 days from start of the breakdown, unless a written extension is			
	Rule 2004 (R	,	For Dulo 24P Mithin 24 hours or mout has	granted.	granted.			
	Rule 218 (No [See Rule 218]		For Rule 218 – Within 24 hours or next bus day for failure/shutdown exceeding 24 hour		For Rule 218 - With required semi-annual reports.			
c. [Deviation with exc (See Title V Permi	ess emissions t, Section K, Condition No. 22B]	Within 72 hours of discovery of the deviatio shorter reporting period if required by an applicable State or Federal Regulation.	n or Within 14	days of disc	overy of the deviation.	•	
d. [Other Deviation [See Title V Permit	t, Section K, Condition Nos. 22D & 23	None]	With requ	ired semi-ani	nual monitoring report	ts.	
2. Thei	ncident was first dis	covered by: _Joe Pedroza	Name on	12/09/2		10:00 Time	♠ AM ♠ PM	
The	naidant was first san	orted by: Operator #7		12/00/2			_	
	ncident was first rep Via Phone		of AQMD Staff Person	Date		10:11 Time	⊕ AM ⊕ PM	
b. C	In Person		Notification Nu	mber (Required):_	540826			
. When	n did the incident act	ually occur? 12/09/201	18 09:00 © AM Time C PM	·				
	Received By:		Assigned By:) în:	Inspector: Date/Time Received Assignment: Date Inspected Facility:			
* N-10 2. 1 * 10 1. 20 1. 20 20 20 20 20 20 20 20 20 20 20 20 20 2	Date/Time Received:		Date/Time Assigned:	Da				
QMD	Date Delivered To Te	am:	Date Reviewed Inspector Report:	Da				
USE ONLY	Team:	Sector:	Breakdown/Deviation Notification No.	Da	Date Completed Report:			
5 1 2 4 5 1 4 4 5 6 6 2 7 2 8 8	Recommended Action	n: Cancel Notification Gra	ant Relief Issue NOV No		Other:			
4 v 4 4	Final Action:	Cancel Notification Gra	ant Relief Issue NOV No.		Other:			

Colmac Energy SO2 lb/hr 3-Hr Rolling Excess Emissions for 12/9/2018

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
SO2 lb/hr 3-Hr Rolling	12/9/2018 9:00 AM	9:59 AM	1 hour	12.0	12.0	12.0	12	Not specified	

1 hour

Total duration





South Coast Air Quality Management District

Form 500-N

Title V - Deviations, Emergencies & Breakdowns*This written report is <u>in addition to</u> requirements to verbally report certain types of incidents. Verbal reports may be made by calling AQMD at 1-800-288-7664 (1-800-CUT-SMOG) or AQMD enforcement personnel.

Mail To: SCAQMD P.O. Box 4941 Diamond Bar, CA 91765-0941

Tel: (909) 396-3385 www.aqmd.gov

Secti	on I - Operator	Informa	lon	302336 503459	randroffich in overige Little ein erwerkeit auf Little von gegenstat sein		Frankiska A Affarkisa Pt	andros and Antropolision Antropolision	en van Later (Lace of the c	ora vara vara Vara vara vara		
1. Fac	ility Name (Business	Name of C	perator That Appears On	Permit):				ID (Availab	ole On Permit Or Inv	oice Issued By		
D	esert View Pov	ver				AQMD	i):		100154			
3. Add		62-300 Gene Welmas Drive										
(wh	ere incident occurred)				Street Addre	SS		CA		_		
		Mecca City							92254-0758 Zip	3		
		Same	as above		Oily			State	ZIÞ			
	ling Address: lifferent from Item 3)	Came	as above		Street Addre	SS						
5. Pro	vide the name, title, a	and phone	number of the person to	contact for	City further information:			State	Zip			
	Ke	vin Lav	vrence		Operations Man	ager		(760) 262-1644			
/ State (1998) #9		Name	The Little States of the Allert Server	1 To 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Tille		File (MY) (Co., Fe (D., Co., Ce)	a	Phone #			
1-11-41-5				s, and Em	ergencies	(1) 対象 (1) (1) (1) (1) (2) (2) (2) (2) (3) (4) (4) (2) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	Called Called Called Called		Bradrouty s erretristi	rock for FS 12 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
5, 12.	s written notification pe of Incident	is to repo	rt a(n):	Vorbal F	Poport Duck		Melta- Da		NAME TO A PART OF THE PART OF			
1 1	Commerce en la commer			- :	Report Due*			Written Report Due				
a.	a. Emergency under Rule 3002(g)				1 hour of discovery	Within 2 working days from when the emission limit was exceeded.						
b.	Breakdown under	•	Type		Processing and the second of t		For Rules 430 & 2004 - Within 7 calendar days after					
}	Rule 430 (Non-RECLAIM)				les 430 & 2004 - Within 1 hour ery.		reakdown is corrected, but no later than 30 days from tart of the breakdown, unless a written extension is					
Ì	Rule 2004 (R	•			le 218 – Within 24 hours or ne	granted.						
3	Rule 218 (Non-RECLAIM) [See Rule 218(f)(3)]								or Rule 218 - With required semi-annual reports.			
C.	C. Deviation with excess emissions [See Title V Permit, Section K, Condition No. 22B]				Within 72 hours of discovery of the deviation or shorter reporting period if required by an applicable State or Federal Regulation.			Within 14 days of discovery of the deviation.				
d.	Other Deviation [See Title V Perm	it, Section	K, Condition Nos. 22D & 2	None 3]		With required	With required semi-annual monitoring reports.					
2 The	incident was first dis	scovered i	_{oy:} _Joe Pedroza			on	12/04/201	18	01:00	⊙ AM		
				Name			Date		Time	C PM		
3. The	incident was first rep	ported by:	Operator #7			on	12/04/201	18	01:12	♠ AM		
a. (Via Phone		Nan	e of AQMD S	Staff Person		Date		Time	C PM		
Ь. 🤄	☐ In Person				Notificatio	on Number (Required): 54	0164				
4. Whe	en did the incident ac	tually occ	ur? 12/04/20	18	00:00	M						
2 2 4 5 2 3 4 7	Received By:			Assigned	By:		Inspe	Inspector:				
	Date/Time Received:				Date/Time Assigned:				Date/Time Received Assignment:			
AQMD	Date Delivered To T	eam:		Date Rev	Date Reviewed Inspector Report:				Date Inspected Facility:			
USE	Team:		Sector:	Breakdov	wn/Deviation Notification No.		Date	Date Completed Report:				
ABOA THAN MEMBARA MEMBARA	Recommended Action	on:	Cancel Notification G	rant Relief	Issue NOV No		Oth	er:				
10 T 10 M	Final Action:		Cancel Notification G	rant Relief	Issue NOV No		Oth	er:				

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Colmac Energy CO lb/hr 3-Hr Rolling Excess Emissions for 12/4/2018									
Parameter	Start	End	Duration	Value	Min	Max	Limit	Reasek	Action
CO lb/hr 3-Hr Rolling	12/4/2018 12:00 AM	5:59 AM	6 hours	14.0	13.0	14.0	13	Not specified	
Total	duration		6 hours						
								\$hC ⊚	
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